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1918.

DARK'S FLORAL MAGAZINE

LA PARK, PA.

ESTABLISHED 1871.

Our 1918 Gladiolus Offer



NOTE.—All varieties of Holland Bulbs are very scarce this year and hard to get. Because of the War the Hollanders are using many of their bulb fields for growing food. Fortunately we have been able to secure a fairly large supply, about a third of our usual order, but a good quantity of all the varieties offered in past years as best for growing in this country.

OUR BULBS HAVE ALREADY ARRIVED IN NEW YORK, so that we will be able to fill your orders in good time. We want to tell you about the prices. We have had to pay very much higher prices this year, but we have figured unusually close so as to make you the most liberal offer that possibly can be made. Our friends know they can always get greater real value from us than anywhere else.

We Will Send 12 of These Splendid Gladiolus by Parcel Post Postpaid and Park's Floral Magazine For Only Twenty-five Cents.

Get up a Club of three at 25 cents each and we will send the Magazine a year and 12 Gladiolus to each of the three, and will also send you, free and postpaid, the 12 Gladiolus FREE for your trouble.

These are mixed Gladiolus, taken from the regular named stock of all colors: whites, reds, pinks, yellows, blues, apple blossom, salmon, striped, blotched, and the famous large flowering Childdii of all variegations, and will give you a brilliant and delightful display of color for many weeks this Summer.

On account of the reduced supply we suggest the desirability of ordering early. You surely will be pleased. Please try to get up a Club, we have made the club only three so that busy women will have a chance.

Address your letter to **PARK'S FLORAL MAGAZINE, Sub. Dept., LaPark, Pa.**

PARK'S FLORAL MAGAZINE.

FALL CHRYSANTHEMUMS.

CHRYSANTHEMUMS are larger and more beautiful in color than ever. They are the popular flower used for decorating for weddings and social events, and can be arranged most artistically in beautiful baskets, or huge bunches tied with tulle.

People no longer waste time asking "How long will the Chrysanthemum craze last?" for gardeners have laid awake nights studying how to build larger blooms, and for a time everything was sacrificed to size. But now

people are looking more to color; and while Chrysanthemum colors leave but little to be desired, there are many people who yearn for the blue Chrysanthemum, and some are being represented in



CHRYSANTHEMUM.

Wistaria and lavender colors.

Chrysanthemums come in many varieties from the exhibition to the hardy flowering pompons, that brighten everyone's garden in the late fall. The Japanese who have cultivated Chrysanthemums for hundreds of years are very devoted to the delightful oddities of crinkly-quirky affairs, and the fluffy plumed ones, and the new varieties are greatly prized by them.

Mrs. Jessie Treadwell.

Plymouth, Wis., Nov. 28, 1917.

Primroses.—The Primrose is one of my favorite plants. It is easily grown, and is not troubled by insects. I have one lovely Obconica Primrose which I raised from the seed last year. It is now in a gallon pail. It bloomed all winter and spring, and until late in the summer. It is now full of buds and ready to bloom again this winter. Raising window.

plants from seeds is such fascinating work for me! I have many nice plants grown from seeds.

St. James, Mo.

Anna W. Pratt.

Vine Support.—I found a practical use for the large-flowered Sunflower. I raised the plants for support for flowering Beans. This year I am going to plant them for Lima Beans and Sweet Peas to run on. The seeds of the large Sunflower finds a ready market as a chicken food.

Mildred Fisher.

Chanute, Kas.

RED ROT ON AMARYLLIS.

COMPLAINTS still come to me of this awful trouble, the worst drawback to Amaryllis culture we know. I see Mrs. John Oliver—(by the way, I wish she would send me her address) in her most interesting and instructive article on Amaryllis Culture in February Magazine does not mention this. She has probably escaped its ravages. I would give a good bit to know its cause (I know its effect!) and a perfectly good cure. Also whether it is contagious.

Some say it is, others differ. It attacks the bulbs during their resting period. I have written to the Agricultural Dept. at Washington, Cornell, and all the florists from whom I had purchased bulbs. No one knew anything

of it—had never heard of it, and could give no remedy. One was very skeptical about it, but sent two other bulbs—even worse infected than the first. I have tried everything, and I think Mrs. Fox's remedy of common baking soda rubbed on thoroughly, after shaking out all the soil from the top of the pot, leaving the entire bulb exposed, giving no water for sometime, and filling up the pot after several weeks with clean sand is the best thing I know of.

Whenever I pot a new bulb, or repot an old one now, I make my soil very rich, using old well-rotted manure and bone meal—a tablespoonful to a pot, giving good drainage. Then I add nearly as much clean sand as I have soil, mix thoroughly, and on top of this soil put clean sand, set the bulb and fill up the pot with sand. I find this the best thing to avoid rot, and all the nourishment comes from the roots anyway.

Mrs. E. B. Murray.

Moon Flower.—How many of us have ever tried to grow this flower? If people could only realize its wonderful beauty, I think they would be watching for every blossom as eagerly as if it was some fine prize. J.H. Werdein.

Rochester, N. Y.

Bryonopsis.—I would advise anyone who wishes to raise a most beautiful, and also an ornamental vine to buy a packet of *Bryonopsis laciniosa*. The past summer mine were simply grand.

Lora Pugh.

Trilla, Ill.

Begonia Erfordii.—This is a splendid Begonia. Its delicate blooms and rich foliage make it one of my choicest plants.

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AMARYLLIS BLOOM.

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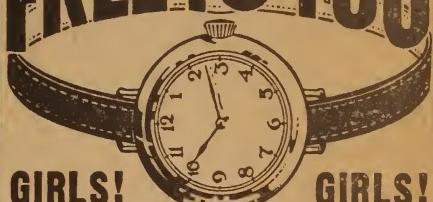
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ESTABLISHED 1871.

PARK'S FLORAL MAGAZINE

A MONTHLY JOURNAL OF FLORICULTURE.

Vol. LIV.

La Park, Pa., March, 1918.

No. 3.

PANSIES.

They tell of sweet and tender thoughts,
Of loyal hearts and true;
And bring a fragrant, healing-balm
No other flowers can do.

E. McKeesport, Pa.

Mrs. Hoagland.

ABOUT ANNUAL POPPIES.

HERE ARE FEW hardy annuals that make a more showy or beautiful bed than the various improved races of Papaver or Poppies. They are not only attractive in a bed, but appear well as single specimens. They are also lovely as cut flowers, being very graceful and pleasing when arranged in a table vase.

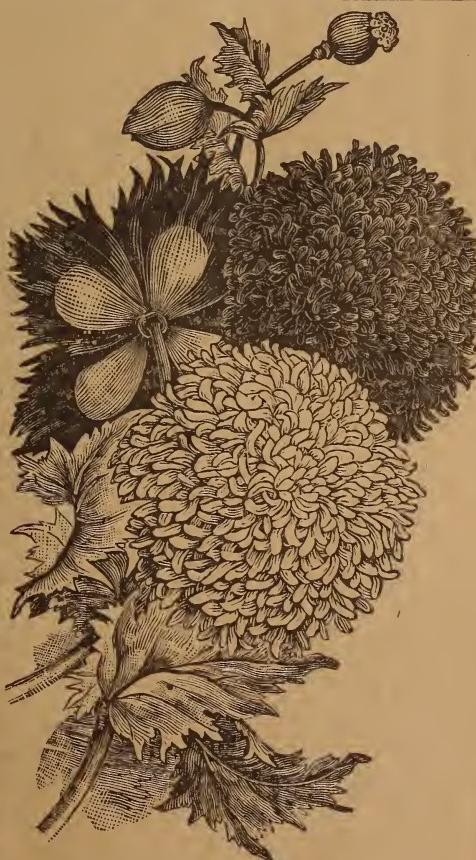
The stiff-stemmed, tall varieties of Papaver Somniferum fl. pl. grow erect, reaching the height of two feet or more, bearing silvery foliage and huge finely fringed flowers, appearing like elegant feathery balls. These are of a wonderful range of color from pure white to rich crimson, some striped, some ash-gray, and some a sort of lilac, approaching blue, still others are brown-red, or black, or creamy yellow. These Poppies are also in dwarf varieties, only a foot high. All are gorgeous in a bed, and bloom for some weeks. Papaver Daveburg belongs here, but is single scarlet with white blotches.

Papaver Paeoniflorum fl. pl. is similar to P. Somniferum, or Opium Poppy, the plants erect,

the plants large and feathery, and very showy either in beds or bouquets. The petals are broad, shining and somewhat cupped. The colors embrace a wide range and are very bright and attractive. They are both tall and dwarf.

One of the finest garden Poppies is the Rannunculus-flowered race. The plants stool out and throw up hundreds of buds, the long stems issuing from the rosette of foliage, attaining a height of one foot. The buds hang gracefully from curved stems, the stems becoming erect and rigid when the flowers open. This is one of the best for pots or beds. The flowers have broad, cupped petals, are abundantly produced, and make a fine display in beds. They are also fine for cutting. They are varieties of P. Rhoeas. The Japanese Poppies belong to this class, also the beautiful single-flowered Shirley Poppies, appearing in soft, rich colors, all with golden stamens.

Papaver umbrosum, single with dark blotch at the base of broad, rich crimson, cupped petals; and P. umbrosum fl. pl., double-flowered are superb, and make a splendid bed. They are, however, especially adapted to sow in a pasture or upon the lawn that is not cut early. They do not mind the encroachment of grasses, and make bright and beautiful the waving plumes. For this purpose sow sparingly over the sod early in fall.



PAPAVER SOMNIFERUM, DOUBLE AND SINGLE.

Sow Annual Poppies in rows eight inches apart and thin to six inches in the rows. Avoid crowding.

Park's Floral Magazine.

A Monthly. Entirely Floral.
GEO. W. PARK, B. Sc., Editor and Proprietor,
LA PARK, LANCASTER CO., PA.

[Entered at La Park, Pa., P. O. as 2nd-class mail matter.]

March, 1918.

Dahlia Pest.—The spotted insect that eats into the buds and flowers of Dahlias can be avoided by spraying with arsenate of lead, one ounce to two gallons of water. Apply the liquid in the evening. The treatment must be repeated after every rain.

Palms.—Sago, Kentia, and Ostrich Plume Palms are not hardy in northern Texas. The Sabal Palmetto, Sabal Adamsoni, Sabal serrulata, and Chamaerops Hystrrix are hardy as far north as South Carolina, and will prove hardy in southern Texas, and in protected places further north.

Dictamnus Caucasica.—This is a beautiful hardy perennial, somewhat like *D. fraxinella*, but taller and more stately. It bears large flowers on long spikes, and a well grown plant is very effective. It blooms freely for several weeks during May and June. It is readily grown from seeds.

Golden Trumpet.—*Datura Chlorantha* is sometimes known as Golden Trumpet. The plants are two feet high, and are easily grown from seeds, and the large, trumpet-like flowers are of a golden color, and very handsome. Start the seeds early in spring and give the plants a warm, sunny place in the garden.

Sambucus pubens maxima.—This is a grand shrub, producing immense flattened clusters of cream-white flowers in August, a period after which most other kinds of *Sambucus* have ripened their berries. The plant is vigorous, and when in bloom it never fails to excite the wonder and admiration of those who see it. There is some doubt as to the true origin and name of this hardy shrub, but there is no doubt as to its beauty and utility. It is one of the good, desirable things for the decoration of large grounds.

Birds in the Garden.—Few persons realize the great value of our song-birds in destroying garden pests. This is to be regretted, as the almost utter disregard and neglect of our little feathered friends has greatly depleted their numbers, and promoted the increase of hosts of our garden enemies. There is hardly a plant or bush or tree now that does not have some pest to spoil its growth and beauty. As the time is at hand for putting up homes for the returning birds those who have a garden should not delay the work. We can do much to encourage the birds to multiply and help us in our garden work by putting up suitable boxes in which to build their nests and rear their young. Do it now.

GODETIAS.

NE OF THE GOOD ANNUALS that are popular in Europe is Godetia. Set six inches apart in a bed the display of bright bloom is admirable, and the colors

are rich varied and pleasing. The seeds should be sown early, and the plants set out where they are intended to bloom. They prefer a bed where they will be partially protected from the hot noon-day sun. The plants grow about a foot



GODETIA.

high, and bloom throughout summer. The flowers keep well when cut, and are fine for bouquets.

Clematis Montana.—Many people know and admire the autumn-blooming *Clematis paniculata*, but few are aware of the beauty of *Clematis Montana*, a species very much like *C. paniculata*, but having larger flowers, smaller clusters and a much earlier blooming period. It was brought from Nepaul in 1831, and its merits ought to be better known by this time. It is really an early summer-blooming vine, often so profuse-blooming that the foliage is almost hidden by the mass of flowers. It should be loosely trained to a trellis, and not tacked firmly against a wall or building, as its graceful sprays are seen to the best advantage when its growth is unconfined.

Mildew.—A sort of mildew or blight often attacks the dense rosette-like foliage of *Campanula medium* and *Foxglove* plants early in spring, during damp, murky weather. For this reason it is well to have the beds for these flowers as high and dry as possible. Sandy, well-drained soil is preferable, and if the surplus leaves are removed when spring comes the plants will not suffer seriously. The more air and sunlight you can get to the body of the plants in early spring the better.

Hardy Hydrangeas.—These make much larger, handsomer heads of bloom if pruned severely early in spring, before the buds push out. The parts cut off can be made into cuttings and stuck in sandy soil in a shady place, where they will form new plants.

Children's Letter

MY DEAR CHILDREN:—The other day as I stepped outside the door of my home and started down the path to my office I heard a voice in the morning breeze calling to me "Good Morning! Good Morning!" and looking around, I saw near the path a slender pole still supporting some dry vines, and upon the vines were several clusters of dry seed-pods held aloft on long stems, each little cluster nodding and speaking in the plainest language it knew. The sun was shining bright and warm from its place above the distant eastern hills, the early song sparrow trilled some sweet notes from its perch upon the cherry tree nearby, and at a distant farm-house I heard the bark of some dutiful watch-dog. While I was thus looking and listening the little clusters nodded and rustled again "Good Morning, Good Morning".

"Good Morning to you, my dear friends," said I. "But why do you not put your children to bed. They must have a covering and some rest to be ready to awaken at the call of Spring, when the loving sunrays kiss the earth, and the gentle showers lend their reviving

influence to the happy spring elements. But I will help you." So I took the baby plants in their pretty black seed coverlets, and made a soft little bed near the place where the mother plant sprung up last year, and here I placed them, tucking the soft earth-cover tenderly about them. "Lie still, now," said I, "until Mother Earth tells you that Jack Frost has departed, and you can safely push away the cover, and raise your little heads into the bright sunlight." And so I left them.

"But what of the Mother plant," I hear you ask, and I am pleased to tell you. Last year, early in May, as I was going down the path, I noticed a pretty little vine reaching out its long fingers, trying to grasp a support, so that it could develop its buds and flowers and baby seeds. At once it enlisted my sympathy, and I found the slender pole referred to and set it firmly beside the vine, then trained it to cling. When we kindly supply aid to anything, whether plant or animal, we have a special interest in that plant or animal, and so I watched this vine day by day as I passed. It was a daily

pleasure to see it pushing its clinging stems higher and higher, to note the fresh new leaves developing and covering the stems, and at last to see the little cluster stems of buds rise from the leaf-axils. How interesting these buds were, and as they developed how curiously they were twisted in the most delicate and perfect manner. Finally, one bright morning one of the buds unfolded, and as I passed it nodded "Good Morning! Good Morning!" and I saw it dressed in richest velvety blue, charming in form, exquisite in texture, and adorning the dense foliage around it in the most pleasing manner. How beautiful! But this was only the beginning. The next morning there were two smiling faces, and they increased in number and beauty as the season advanced.

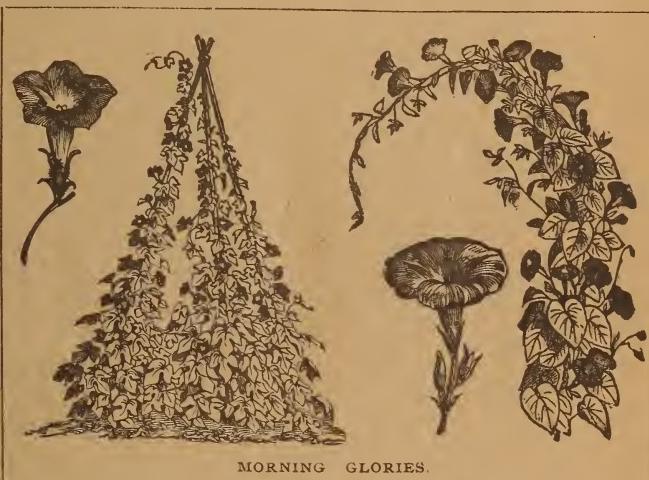
My Dear Children, we never do a kind deed in the home or garden, or wherever we have the opportunity, but the kindness reflects back to us a hundred fold. It was a small deed to give support to a little struggling vine, yet how great the reward! The lovely foliage and

bloom greeted and cheered me every day during summer and autumn. Throughout the cold winter months the rattle of the dry vines brought to my mind the sweet summer days, made sweeter by the pretty bells that hung among the foliage and nodded to me every morning from that slender

pole. And even the call to me "Good Morning, Good Morning" from the dry seed clusters reminded me of approaching spring joy and beauty, telling me that I had a duty to perform in putting these little seed-babies to bed, if I would enjoy the brightness and cheer of the lovely blossoms the coming summer.

And now, Dear Children, let me urge you all to plant a few seeds of the common Morning Glory. Plant them as early as the ground can be worked, and give support by strings or poles as soon as the little vines begin to run. Sow mixed seeds, and you will be greeted by flowers of many colors, and your pleasure will be enhanced by looking for new or different colors each morning during summer. No vine will afford you more pleasure, and no vine is easier to grow. If you heed this advice you will feel thankful to me when the flowers appear, and will see new beauty in this old and too much neglected vine. The plants are much hardier and more free-blooming than the Japanese Morning Glory.

Geo. W. Park.
LaPark, Pa., Feb. 25, 1918.



MORNING GLORIES.

QUESTIONS AND ANSWERS.

Border Flowers.—Mr. Park: I have a new house in the country with a board-walk leading from the front door to the public road, about 50 feet, with a border on each side 18 inches wide. What can I plant there that would keep up a continuous display?—Mr. Wolf, Md., Jan. 17, 1918.

Ans.—For early spring and summer flowers plant some bulbs of Narcissus, Tulips and Hyacinths, and start clumps of Columbine, Iris, Hemerocallis, and *Lanceifolium* Lilies. For summer and autumn start plants of Pinks, Sweet William, Rudbeckia, *Salvia Prætensis*, *Gaillardia grandiflora*, *Anthemis Kelwayi*, *Malva Moschata*, Autumn Chrysanthemums and Perennial Asters. These should be scattered along the border, and not all planted together. Among them you can plant seedlings, such as Snapdragon, Double Aster, Balsam, Celosia, Calliopsis, Calendula, Petunia, Phlox, Portulaca, Stock, Salvia, Verbena and Zinnia. In planting these group several plants of the same kind near together, setting the tall-growing ones in the rear and the low-growing ones in front. There are few plants that will bloom continuously, and the border is more attractive when it contains a variety, while the bloom is more continuous.

Fertilizer.—Mr. Park:—Kindly tell me about how to fertilize my plants to make them bloom well. We have no manure. Would ammonia water be good?—Mrs. Cathcart, Ill.

Ans.—To make plants bloom one of the best of fertilizers is bone-dust. This is charged with phosphorus, which tends to the formation of buds, as well as their development. Ammonia water promotes growth, and is very useful for vines and foliage plants. A teaspoonful added to a gallon of water is sufficient. Pulverized horse manure placed over the soil about the plant has the same effect, and is more lasting. A good bone phosphate will also be found excellent as a fertilizer to promote free-blooming.

Aucuba Japonica.—Mr. Park:—I have an Aucuba Japonica that is covered with a small, light-colored scale. Both leaves and stems are affected, and are turning black, in blotches, all over the plant. How shall I treat it?—Florence Donohoe, W. Va.

Ans.—If the plant is small sponge the leaves and stems with warm soap-suds with which has been incorporated some kerosene—say a tablespoonful to a gallon of water. For either small or large plants an effectual remedy is lime-sulphur solution, one part to ten parts water. Apply with a good syringe. A thin white-wash brushed upon the stem and foliage, allowed to remain three days, then removed, will be found a good remedy.

Window Bulbs.—Mr. Park:—What makes the leaf-tips of my Chinese Lilies turn yellow; and why do the Hyacinths develop their buds with such short stems?—W. W. Wiche, Ill., Feb. 11, 1918.

Ans.—The leaves of *Narcissus* or Chinese Lilies turn yellow at the tips because of a dry, hot atmosphere and lack of sufficient sunlight. Moisten and cool the atmosphere by evaporating water in the room. Hyacinths fail to develop good stems because the bulbs were not well-rooted before being brought to the light.

Tuberoses.—Mr. Park:—When should I put Tuberose bulbs in flower pots to have them to bloom about the last of May?—Bessie Moore, Colo..

Ans.—Tuberoses require from three to four months to develop a flower-stalk and flowers. Their blooming period, however, is often uncertain, and unless the bulbs are well cared for they will not bloom. The germ in the bulb is very tender, and if subjected to cold and dampness it will rot, in which case the bulb will throw up leaves but the flower-stalk will not appear. To be sure of raising flower-stalks bearing buds and flowers, get good, well-preserved bulbs of medium size and pot them in



TUBEROSE FLOWER AND PLANT.

April, watering sparingly until they begin to grow. When the ground becomes warm set them out in a sunny place, and mulch the bed with stable litter as hot weather approaches. They like plenty of water when growing and blooming. You can also obtain bulbs and plant them about the first of June, setting them about five inches deep. Thus planted the hot sun and drouth are not so liable to injure the plants, and a good crop of flowers will result. Any plants that have not matured on the approach of frost can be potted and placed in the window to develop the flowers.

Plants Wild in Florida.—Mr. Park:—I have never seen *Vinca rosea* or *Ageratum* growing wild in Florida, as a writer states, and am inclined to think it a mistake. I have seen *Vinca* in masses in Galveston, Texas, where it grows luxuriantly, the sea, air and sandy soil suiting it well. It is a fine pot plant and valuable for window gardening.—Aida, Arizona.

Ans.—Both *Vinca rosea* and *Ageratum* I have noticed growing wild in Florida, and also *Argemone* and *Castor Oil Bean*. These things were taken there in past years for gardens and escaped cultivation. They all delight in sunshine and heat and sandy soil.

Anagallis.—This is known as Pimpernel. The plants are branching and spreading, and useful for rockeries, borders and edgings. The flowers are small but very bright, and mostly blue in color. A pretty native sort is known as *Anagallis arvensis*. It abounds in gardens and blooms freely during summer, the flowers being of a charming blue color, but not showy. Inquiry has been made about the use of the plant for seasoning soups. Has any reader had experience in thus using it?

GARDEN NOTES.

One of the finest recent additions to the large family of vines is the fringed and ruffled Morning Glory. This vine is different from the Double flowering varieties, has odd cut foliage, and the flowers are gorgeous. If you like vines, try this one.

Two of the finest flowers that can be grown from seeds are Salpiglossis and Schizanthus. Both are excellent and beautiful. Sown in hot-bed or window in February or March, and transplanted from pots or boxes in May, will bloom during the summer. If seeds are sown early in the fall, the plants can be grown in small pots, and will be of blooming size in the spring. They can be kept either in a cold pit or a cool room during winter.



SCHIZANTHUS.

Feed your fall-blooming plants with liquid manure. Once every week or so is sufficient. Chrysanthemums, Cosmos, Salvias and late-blooming Dahlias will reward your efforts with a grand display until frost.

Scabiosa and Calendula are annuals that are easily grown, and can always be relied upon to make a pretty show. The double varieties of Scabiosa are very pretty, not unlike a Carnation in form and size of flower.

Richmond, Va.

A. McAuley.

Lilies and Poppies.—I want to tell about my Lilies. They are the old-fashioned kind our Grandmothers grew, and the only name I ever knew for them was Garden Lilies, Will Mr. Park name them? I grow them with Poppies. Their fragrance is very pleasing, and all the neighbors have the benefit of their odor. The petals are thick and waxy, and when preserved in alcohol is a splendid remedy for cuts, burns and bruises. The time to plant these Lilies is in August, when the bulbs are entirely dormant. They are perfectly hardy and easily cared for, if you give them a sandy soil and good drainage. They will increase from year to year.

Mrs. Josie Franks.

[Note.—The Lily referred to is *Lilium Candidum*, and I regret that I cannot reproduce the illustration. It throws up new leaves in autumn which remain until the flower-stalks push up the next season. Of late years nearly all of the imported bulbs (They are imported from the south of France) are diseased, and if you wish to get one it would be well to secure it from an old garden where the bulbs have been growing and blooming for years. You will then get bulbs that will last. The diseased bulbs are only a "delusion and a snare".—Ed.]

Pansies.—I raise Pansies every year. I think they are beautiful. I sow my seeds in the house about March 1st. After frost is over I transplant in rich, sandy soil.

Hill Grove, O.

Mrs. E. C. White.

PANSY GERANIUM.

FOR those that want a plant that is choice and yet does not require extra care, I would suggest the Pansy Geranium. I have an elegant plant. On receiving it I set it in a medium sized pot filled with half garden soil, one quarter sand and one quarter stable manure. Almost from the first it grew, and when warm days arrived I changed it to a larger pot and better dirt. Still it grew, and by the last of May had several buds, which soon developed into elegant blooms. In July the plant had dozens of blooms, and was growing all the time. During the first of the winter it took a rest for a few weeks. Now it is growing again and looks as bright and healthy as any plant could. I am giving it a "tea" once a week, in fact always have when it was growing, but aside from that it has received no extra attentions. It is twenty inches tall and as many broad. Everyone who has seen it has admired it, and I have given many cuttings. I expect to see buds coming soon, and considering the size last year and this year, I do not know how many blooms I shall get—hundreds I would say.

Mrs. Elsinore G. Ackerman.

Meredith, N. H.

Success with Cyclamen.—I want to tell of the success I have had with Cyclamen. Two plants are in bloom now, and I have several more coming on later. I feel very proud of them, because I have tried in vain so many times to get one to bloom, or just even live for me, and they failed to do either and I am sure it was not because of neglect. First I sent to several places for bulbs, and they would rot or dry up. Then after a long wait I decided to try my luck with seeds, but no use, they did not come up. Then I gave it up for several years, or until I sent for seeds again, and I must say I have had very good results.

Mrs. F. R. Best.

Reynoldsville, Pa.



CYCLAMEN.

Rose Enemies.—I had a potted Rose bush in the house during winter which became infested with green lice and red spiders, and to treat them I placed a thick layer of tobacco stems upon the soil around it. This was effectual at first, but after awhile it lost its virtue, and the pests renewed their attack. What more could I do?

Mrs. W. L. Sturgis.

Norwich, N. Y., Feb. 26, 1918.
[Note.—Spray the plant with lime-sulphur solution, in the proportion of one part solution to ten parts tobacco tea, being careful to reach the underside of the leaves. If one spraying is not enough give the plant another. Keep the plant from the hot mid-day sun for a few days after spraying. Properly applied this will be found an effectual remedy.—Ed.]

THE POOR MAN'S ORCHID.

BECAUSE of its beauty of form, delicate texture, exquisite coloring, and withal moderate cost, the Iris truly deserves its sobriquet, "The poor man's Orchid"; and



JAPAN IRIS.

and attention which it requires. The Iris, particularly the hybrids of Germanica, I. Delmatica, I. Florentina, I. feticidissima, etc., can be

successfully grown with comparatively little effort. While it responds readily and freely to cultivation it will obligingly grow and bloom even when partially neglected; and when it is once firmly established in suitable environment, it will bloom, multiply, and last for years.

The one seeming drawback of the individual plants of this class, is the comparatively short season of bloom; but by a judicious selection of

species and varieties it is possible to secure an uninterrupted succession of flowers from early in spring until late in July. The plants are hardy and anybody can grow them. Iris

at the time of the year, when the borders of Iris are in full bloom, resplendent in their regal beauty, it is undeniably, also the "Queen of the Garden. Yet this charming and lovely flower is of easy culture, and yields an unusually large degree of satisfaction and pleasure in proportion to the amount of time

pseudo-acorus is at its best if grown near the edge of water, or in a boggy, shady place. Iris Kempferi will bloom freely when planted in deep, rich soil and fully exposed to direct sunlight. While it is possible to grow the Japanese Iris in dry soil, it seems to reach its greatest perfection if planted in a moist situation. On the other hand I. pumila and I. Germanica will thrive in almost any garden soil, providing that it is not too wet. The plants do not thrive and increase in one situation. Change their location in the garden until a situation suitable for them is found. Thus by observing

and experimenting the Iris enthusiast soon learns the requirements of his varieties, and how to supply the proper conditions for them.

As a rule, various species and varieties of Iris obtained from florists are hardy and will endure safely even the severest northern winters. The old-fashioned, showy Iris, commonly called "Blue Flag", a variety of I. Germanica, is one of the hardiest of the Iris family, while the Spanish Iris, usually catalogued as "hardy," is not strictly so. If planted in a sheltered place, in sandy, well-drained soil, and given protection in



IRIS GERMANICA.



IRIS BY THE BROOKSIDE.

cold latitudes, it may last for several years, but if placed in poorly drained, tenacious soil, the bulbs are apt to rot or "winter out". When the conditions are unfavorable lift the bulbs and

keep them cool and dry until they can be replanted in the spring. At the north, Iris Hispanica is much better adapted to pot culture and forcing than for a hardy garden plant. The tall, elegant Madam Chereau and other hybrid varieties of German Iris will be found perfectly satisfactory in hardy beds. When planted in groups or in masses they are very effective.

In a sunny situation in good soil they will thrive and increase so rapidly that the clumps will need to be divided about every fourth year. If the clumps are allowed to remain too long in a bed, the rhizomes may be forced above the ground, and thus be injured by exposure. A crowded condition of the roots also results in impairing the vitality of the plants, and in making them non-blooming.

After the plants are through blooming is a good time to lift and divide the clumps, or it may be done early in September when the plants are nearly dormant. If the dividing of the clumps is done in June, after blooming, the reset plants have an opportunity to make free growth and to be in condition to bloom the following spring, and by Memorial Day there is likely to be an abundance of surpassingly lovely flowers, when cut flowers are in great demand. If cut while in the bud and the stems placed in water the flowers will open in succession and last for days.

Too much cannot be written in favor of the free cultivation of these magnificent flowers, which even rival the Orchid in their beauty and wide range of coloring. Their profusion of bloom, hardihood, and ease of culture, make this class of plants so deservedly popular that no hardy garden can hope to be complete without its full quota of the charming Iris—the Orchid of the flower-loving masses.

Bertha Berbert Hammond.

Mahopac Falls, N. Y., Feb. 6, 1918.

Mixed Flowers.—I want to speak of my-mixed flower bed. In gathering seeds from my own and other flowers I just dropped them all in the same dish, so when I went to plant them they were pretty well mixed up. I planted a strip about two feet wide and twenty-five feet long through the garden, and had about twenty varieties, including all the old varieties and everlasting. They were a continual show all summer. Where one is lacking in space for flower beds in the front yard, just try them in the garden.

Mrs. Mildred Fisher.

Chanute, Kans.

Cosmos.—I had a trench dug on the west side of the house which I filled with sand and stable litter, then sowed with Cosmos seeds. For three years the blossoms, white, rose and red have been glorious in the late summer and early fall.

Elizabeth Brewster.

Myndus, N. Mexico.

Heliotrope.—Plants of Heliotrope started in the spring make beautiful flowers for winter. I had a pot of them last year that was admired by everybody who saw it.

Marshall, Ill.

A. Schneister.

REHMANNIA.

THE REHMANNIA Angulata bloomed for me this year from plants raised last summer from seeds. I think it a very odd and attractive flower. The foliage is rough and handsome. The flowers come on spikes and their shape resembles that of a Bignonia. They hang down like the Digitalis. The flowers are of an old rose color, and have a yellow throat which is veined and spotted maroon, as in the Salpiglossis. The range of color is very limited,



REHMANNIA FLOWER.

and it is to be hoped there will be more colors in time. The stems, of mine, were about two and a half feet high, and have to be staked. They seem to spread from underground roots, but the roots are close to the surface and easily removed. They seem to be hardy in this climate.

Mrs. F. C. McKinnie.

Oakland, Cal., Nov. 24, 1917.

Ricinus from Seeds.—Try a circular bed next summer, and instead of the usual center of Cannas, plant two or three Castor Beans, in a rich garden soil, as soon as the ground is warm. I placed a double row of Celosia Magnifica around them, and with an outer circle of dwarf French Marigolds, had a very ornamental bed. I mulched with lawn clippings, and did not allow the soil to dry out. The Ricinus were tall, and bronze, a fine contrast to the light-green feathery plumes. I shall try this combination again.

Mrs. S. A. Sargent.

Merrimac, Mass.



Fragrant Flowers.—I have many fragrant flowers now blooming in my yard. I seldom ever use any but fragrant flowers, for the non-fragrant ones are too much work, and are never as lovely as scented ones. At present I have Paper White Narcissus, Prince of Wales Violets, Smilax and fragrant Callas. I have quite a garden of J. B. Clark Rose, and a large bed of Spice Pinks. We often over hear those who pass exclaiming "O! O! O! how sweet are those Pinks".

Mrs. Geo. Wetzel.

Santa Rosa, Cal., Feb. 1, 1918.

THE HYACINTH FLOWER.**FLORAL POETRY.****TO THE SOLDIER BOY FAR AWAY.**

Oh, the sunshine would be brighter
Darling, as it used to be,
And I'd hold your hand now tighter
Darling, were you here with me.
Oh, the way seems oft' so weary
Through each long, long lonely day,
And the road so dark and dreary
Since you're so far away.

Down the old lane now I wander,
Where the Oak trees bend and sway,
And 'tis here I pause and ponder
Where so oft we used to play.
Oh, the shadows gather 'round me—
There's a mist before my eyes,
For 'twas here one day you found me
'Neath the bright blue summer skies.

There's a sound of so much sadness
On the cold winds of the night;
Once 'twas peace and so much gladness,
Then the world looked—oh, so bright.
But there's comfort in my sorrow,
Tho' you are so far away,
Darling, in the sweet-to-morrow
Will you not come back to play?

Altoona, Pa., Jan. 23, 1918. Amelia C. Hampton.

MARY'S GARDEN.

This garden Mary watched with loving eyes,—
Laid out the bordered walks, prepared the ground,
And dropped the seeds like tiny hopes that rise
In their fulfillment, scattering perfume round.

How carefully she reared each little plant
And watched its curling tendrils with delight!
Its every need she loved so well to grant!
But now, abandoned, lonely, is its plight.

So often, Mary, have I seen you here,
Amid the Roses and prim cedar trees,
That now, methinks, your spirit lingers near;
I turn, expectant, at each whispering breeze.

It cannot be that you have really left
This once loved spot to ruin and decay!
Rank weeds have mustered, and the place bereft
Sighs softly for your presence day by day.

But no; forlorn, unattended, now it lies,
Its winding path an empty echoing lane;
The flowers droop beneath dull leaden skies,
And hopeless vines wave beckoning arms in vain.

It must be in an Upper Garden fair,
Some loved work fills your heart and hands and
But, oh, I wonder, do you know or care [eyes;
That here your garden all neglected lies.

E. Thompson, Conn. Edith Porter Kimball.

ACROSTIC TO OLD GLORY.

Off with your hats, as you pass it by!
Look! how it gracefully waves on high!
Dear to us all, are each stripe, and star—
Gladly we hail to it there afar.
Look at the folds there fluttering, wide;
Oh! salute it with national pride.
Raise it higher, oh, higher above!
Yes, its our beautiful flag we love.

Altoona, Pa., Feb. 6, 1918. Amelia C. Hampton.

In a pot of earth I buried the bulb,
An onion-looking affair,
And I set it away in a cellar dark
With no further thought or care.

Simply dirt, brown dirt had I given it,
Out of which such a one as I
Could have made not a thing on earth
But a blotch, or a fat mud pie.

Weeks later I stubbed my toe on the pot,
And, astonished, beheld a sprout;
The oniony bulb, from its bed of dirt,
Was, evidently, crawling out.

A window ledge, and an ardent sun
I gave as its just desert;
And of water, thought and air, forsooth,
So much had it made of dirt.

Today, in a golden jardinere,
With fragrance filling the room,
Stands the marvelous wonder no mind can
A glorious Hyacinth bloom. [grasp,
Brooklyn, N. Y. Maude Meridith.

THE RIVER AT NIGHT IN SPRING.

The broad, cool meadows dreaming lie,
Where, wending from the mountain home,
The river contemplates the sky,
With starry friends content to roam.

Beneath our boat the waters bound,
Past fisher-quay and grassy merge;
Low sobbing from the depths profound
Assails us like a ceaseless dirge.

Night's cloak, cast over rock and rill,
Enchantment lends to charm the scene,
Where dance the waves beneath the hill,
Or glide among the meadows green.

The rippling tide is like a song,
Played by the hand of fancy near;
It gently bears our thoughts along,
Recalling scenes of yesteryear.

Baltimore, Md. Will Thompson.

I LOVE YOU STILL.

I love you still! My courting days
Are hidden well within the haze
That veils all objects of the past
With folds so impenetrable, vast,
That scarce the slightest memory strays
From out the deep, perplexing maze;
But when I view the well-known ways,
No clouds my skies then overcast,—
I love you still.

Oft when my Muse a flight essays,
To seek where congregate the fays,
It slowly goes or stands aghast,
With folded pinions fettered fast,
My mind reveals the well-known phrase,
I love you still.

Shelbyville, Ind. Alonzo L. Rice.

MY EASTER BASKET.

The Easter basket sent by you
Assures me of your friendship true,
Which lives through sun and shower.
The fancy faces bright and gay
Look up at me, and seem to say,
"Be happy, hour by hour!"

The candies and the Easter card
Add further proof of your regard,
And, making all complete,
A bow of ribbon, at one side,
Is to the basket-handle tied,
My thanks, for gift so sweet!

Appleton, Md.

M. E. K.

FLORAL NOTES.

Balsam Apple.—I am surprised to find so seldom in the flower gardens of my friends the Balsam Pear and Apple. They are of easy culture, and late in the fall, when so much of summer's beauty has faded, these are very attractive. Their bright red fruits dotting the dark green foliage attracts much admiration. They are also used for medicinal purposes.

Sedgwick, Kans. Mrs. W. A. Logue.

Gladiolus.—Last year I planted twelve mixed Gladiolus, the first I ever saw. All grew, and in early August I had ten plants in bloom. One had two spikes of the loveliest blossoms I ever saw, and they kept fine when cut. Cut spikes at the florists were \$1.60 per dozen, and not nearly so nice as the ones I had. They were fine.

Wilmore, Kan. Mrs. George Fisher.



Ragged Robin.—What is more beautiful than a bed of this old-fashioned flower, as I can call back to my mind of seeing it in my dear old mother's garden long ago. I am now seventy-two years old, and this past summer I had nine different colors, but the pink and white, and the blue and white variegated ones were surely fine.

Mrs. J. H. McDaniel.

Boswell, Ind., Dec. 7, 1917.

Ranunculus.—I planted a packet of Ranunculus seeds last spring. They were a little slow in germinating, but I had a fine bed of bloom—white, cream, pink, red, orange and variegated. Everybody stopped to admire them. Now I have enough for two beds next year. I would not want to be without them.

Pacific Grove, Cal. Mrs. Wm. Orchard.



Platycodon.—Last year I raised twelve of the finest plants of Platycodon I think a flower lover has ever seen. They die down in my pots every fall, when I bring them in, but in a few weeks new shoots spring up and all bear beautiful bell-like flowers. It seems when once started it is hard to lose them.

St. Louis, Mo. O. C. Roedler.

Hollyhocks.—I raised a lot of Hollyhocks from seeds, some of which grew seven feet high. After their first blooming period I cut them down, and they threw up new stalks and gave me a second crop of flowers. They were still blooming in November.

Fowler, Col., Nov. 18, 1918. Mrs. J. F. Dickson.

Pansies.—Sown in September in a protected bed, and the soil kept moist, Pansies will begin to bloom in autumn, and will endure the winter and bloom abundantly the following spring. The plants are benefited by mulching with fine stable litter just before winter sets in. Avoid covering the plants.

Fulton, Ky.

Mrs. Owen.



Wild Cucumber.—If you want a rapid climbing vine, try the Wild Cucumber, Echinocystis lobata, which is perfectly hardy, and has such beautiful foliage. But the seed should be planted in the fall where they are wanted to grow. If the seeds are allowed to ripen and fall the supply will be kept up by volunteer plants. This vine grows for me over a west porch, where Morning Glories and others fail because of the hot evening sun. Pollyanna.

Brown Station, Mo.

[Note.—The seeds may be planted early in March, where they will be frosted, to promote germination. The tough, impervious covering prevents them from starting. The vine is a native, and thrives in moist soil. It will endure considerable shade as well as a hot sunny situation.—Ed.]

Morning Glories.—For many years we have raised Morning Glories, mostly the Japanese varieties and Moon flowers. They create a good shade, and there are many beautiful combinations of colors. These are necessary to every household, especially the newer varieties.

Mantua, Ohio.

Ira Chalker.



Poppies.—My Oriental Poppies were perfectly gorgeous last year, some as large as a pint bowl. I am the only one I know who has them. They are greatly admired. Many seeing them for the first time do not think them real flowers—they are so large, their only fault being that they do not last long when cut.

Ogden, Ill.

Mrs. T. C. Johnson.

Gaillardia.—I recommend the Gaillardia as one of the hardest and loveliest of flowers. I have a bed for them in a partially shaded place, and without much time spent on them am rewarded by an abundance of the loveliest of flowers.

N. Liberty, Ia.

Anastasia Maxey.



A Late Border.—Last year I planted Marigold and Scarlet Salvia alternately in a long border, but the plants did not bloom until late in the season. Nevertheless, when they did bloom they were the admiration of all who saw them.

Mrs. M. A. Wolf.

Frederick Co., Md., Jan. 17, 1918.

IN THE BACK YARD.

IN this Department while the War lasts, room will be given for articles upon combined Flower and Vegetable Gardening, Poultry and Economical and Domestic subjects. Correspondence is solicited. Let us make this Department interesting.

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For
1918

early, medium and late, and all can be sown at the same time, but in different rows. If, however, only a few roots are needed, and you wish to have them during the season get a packet of mixed seeds. Such packets will afford early, medium and late Radishes, some long, some medium in length, and others turnip-shaped. In any event do not forget to salt the rows, as roots that are affected by the maggot are hardly fit for table use.

Poultry for Eggs.—It is generally conceded that the White Leghorn fowl is the most profitable breed to keep for egg production. The hens are small and require but little food compared with that required by large fowls, and the eggs are larger than those of many heavy-weight breeds.

Many poultry keepers recommend sprouted oats to promote an increased production of eggs, but where the facilities for sprouting are not at hand, boiled oats will serve the same purpose and are even preferred to sprouted oats by some practical people.

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IN THE BACK YARD—Continued

Flowers and Potatoes. — I cultivate flowers and derive much pleasure as well as increased health from working in the open air and sunshine. I grow my Asters in the back yard between the early potato rows. I cultivate them with a small hand-cultivator. When the potato-vines are dead and most of the potatoes dug, my yard is a thing of beauty, and the admiration of all passers-by. The cultivation makes them larger, and keeps the ground moist.

Mrs. Josie Franks.

Montpelier, O.

DAHLIAS 600 VARIETIES



one of my selections.

Dahlias are the flowers to plant in the War Gardens. They can be planted between the hills of potatoes, beans or onions or they make a fine hedge along a fence, and are grand planted in beds by the house. Send postal for my catalogue. It is free. It describes 500 to 600 of the very best varieties grown, and tells how to grow them. Prices range from 10c to \$2 a bulb. 12 ten cent ones \$1. Where selection is left to me I will send 20 for \$1, or 12 of the higher priced ones for \$1. It means \$2 worth for

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Poultry Parasites. — Mr. Showengardt, of the Colorado Agricultural College, writes that there are at least thirty-two species of parasites that exist upon domestic fowls, but that they can all be overcome by a powder made as follows: Take three parts gasoline oil, add to it one part creosol, mixing them together, then stir in enough plaster of Paris to soak up the liquid. Usually it takes four quarts of plaster to one quart of liquid. With this dust the fowls, shaking it into the feathers in such a way that it will reach the skin. This is a very effective powder.

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Madison, Pure White.
Mrs. B. R. Cant, Dark Carmine.
Rosemary, Bright Pink.
Robin Hood, Clear Scarlet.
Rena Robins, Clear Yellow.

SPECIAL BARGAINS

6 Carnations the "Divine Flower," all colors, 25c.
6 Prize-Winning Chrysanthemums, - - - - - 25c.
6 Beautiful Coleus, - - - - - 25c.
3 Flowering Cannas, - - - - - 25c.
3 Choice Double Dahlias, - - - - - 25c.
3 Choice Hardy Iris, - - - - - 25c.
10 Lovely Gladioli, - - - - - 25c.
10 Superb Pansy Plants, - - - - - 25c.
15 Pkts. Flowers Seeds, all different, 25c.

Any Five Collections for One Dollar, Post-Paid. Guarantee satisfaction. Once a customer, always one. Catalog Free.

Miss ELLA V. BAINES, Box 87 Springfield, Ohio

Jumbo Pumpkin

300 Lbs.



Jumbo Watermelon 50 to 80 lbs.

Jumbo Muskmelon 15 to 20 lbs.

Jumbo Pumpkin 100 to 300 lbs.

Jumbo Cabbage 20 to 30 lbs.

Jumbo Radish 10 to 15 lbs.

Jumbo Sweet Corn Ears 1 foot

or more in length, and often 18 rows of kernels to the ear.

What do you think of pumpkins so large that it takes two men to carry one, and other vegetables as large as mentioned? These Jumbo varieties often grow to the sizes mentioned, and we can see no reason why you cannot grow them just as large, and perhaps larger, if you give them good care. Be the first in your neighborhood to grow these mammoth varieties, and take some prizes at your county fair. A small amount of seed of each of the above six varieties (enough for you to try them) for only 15 cents. We have only a limited amount of the seed, so this is a bargain that should be accepted at once. Send your 15c today. 3 collections 40 cents.

EVERYDAY LIFE, Dept. 925, Chicago

Vegetable Garden 25c

Lettuce, Cucumber, Radish, Tomatoes, Corn, Parsnip, Carrots, Peas, Beans; enough for large garden postpaid. Order now. PINE TREE NURSERY, Pemaquid, Maine.

FREE For Introduction—will send free package each of Choice Sweet Peas and Pansy Seeds.

CONSOLIDATED NURSERY CO. -- St. Louis, Mo.

(IN THE BACK YARD—Continued)

A POULTRY ESSENTIAL.

Cleanliness is probably the most important essential to success in back-yard Poultry Keeping. Without it the work will not only be a failure, but an intolerable nuisance. The yard should be scraped frequently, and in summer, take the spade and turn a part of the soil over every morning, just as you would in spading up a garden bed. After scraping remove the filth and scatter some fresh-slacked lime over the surface. The fresh-turned

soil will be good scratching material, especially if you scatter some small seeds over it just after spading. It will also afford a clean place for the fowls in which to wallow or dust. The frequent application of quick lime will destroy hen lice and insects and promote the health of the fowls. If anyone enters the poultry business these daily duties must be observed, for in the raising of fowls, as in the raising of children or even in the care of one's person cleanliness is next to godliness if indeed it does not come first.



THE GARDEN AMATEUR.

We can never get too much knowledge of a subject that concerns our work or that is of practical interest to us, and the young gardener should have an instructor that will help him to win success in his first attempts. Such a book is "Garden Steps," a timely little illustrated book by Ernest Cobb, and published by Silver, Burdett & Co., Chicago, Ill. It is a manual of progressive instruction, suitable for home or school, and gives full details about the culture of special vegetables, also directions for canning, preserving, etc. It is especially adapted for the use of children's gardening and canning clubs, and will be found very valuable. Price 60 cents. Address the Publishers.

Egg Plant.—This is a fine vegetable, but is not in general use because only the large, late varieties are, as a rule, recommended. The small, early sort known as Delicatessen, the fruits of which mature early and are freely produced, would be popular if it were better known. It is hardly as large as a goose-egg, but a fruit is produced at each leaf-axil. It is much the best for the common amateur.

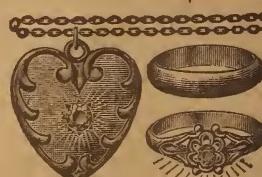
POWERFUL AIR RIFLE Length 32 inches. Working parts of the best grades of steel. The stock is finely polished walnut. Shoots small game. Powerful, accurate, durable. You can have this air rifle for distributing only 8 of our fast selling art pictures at 25 cents on our special offer. Everybody will take one. **IT COSTS YOU NOTHING** to try, as we take back those you can't dispose of. Send no money, just your name and address. **M. O. SEITZ,** 3D25,

CHICAGO.



ALL THESE FREE

Gold plated Secret Locket and Neck Chain, Gold plated Pendant and Neck Chain, Gold plated Bracelet and 4 Gold plated Rings. 138 designs, fresh from the factory. ALL Given FREE to anyone for selling only 12 pieces of our Jewelry at 10c each. Write to-day. K. L. Dale Mfg. Co., Providence, R. I.



\$100.00 IN GOLD GIVEN

How Many Words Can You Make

This puzzle is a sure prize winner—absolutely everyone in this club wins a prize. It is not hard, either—just a little ingenuity and skill. The puzzle is to get as many words as possible out of the letters given here with. Use only the letters given and only as many times as they appear in this ad. For instance, the letter Y appears three times, so in all your words you must not use Y more than three times. If you use Y twice in one word and once in another, you cannot use Y in any other word, as you have already used it as many times as it appears in this advertisement. It is not necessary that you use up all the letters. The puzzle looks easy and simple, but if you can make as many as twelve words, send in your list at once, as the person winning first prize may not have more than that many words.

OUR OFFER

We are the largest magazine publishers in the west and are conducting this big "everybody wins" word building and prize contest in connection with our big introductory and advertising campaign and want to send you sample copies and full particulars as to how you can become a member of this contest club and share in the \$100.00 in gold and the other valuable premiums. We give 100 votes in the contest for each word you make. To the person having the most votes at the close of the contest we will give \$50.00 in gold; to the second highest \$20.00 in gold; to the third highest \$15.00 in gold; to the fourth highest \$10.00 in gold, and to the fifth \$5.00 in gold. In addition to these prizes, we are going to give away thousands of other valuable premiums of all kinds, too numerous to mention in this advertisement. NOTICE: Every new club member this month also receives a beautiful Genuine Gold Filled Signet Ring, guaranteed for 5 years free and postpaid just for promptness. Anyone may enter and bear in mind, there is absolutely no chance to lose; POSITIVELY EVERY CLUB MEMBER WINS A PRIZE. If there should be a tie between two or more contestants for any of the prizes, each tying contestant will receive the prize tied for. Get your share of this \$100.00. Send your list of words TODAY.

A N O E O Y R S
T F L M I M R A
O O A I N M T O
M O F I A E B L
Y A P B I N O H
G N O S A A O T
T A A C R B O Y
A R M N A N T W

CAPPER CONTEST CLUB, 617 Capper Building, TOPEKA, KANSAS

AS TO WRENS.

Unless you wish to be awakened at sunrise, do not place the wren-houses near your bedrooms. Nail them in the grape arbor or orchard. In April the wrens return from the south. Johnnie arrives first and begins at once to gather twigs, hay and feathers for the nest. When Jennie comes she helps her little lover, who sings her praises many times a day.

With head up and tail up

The wren begins to sing:

) He fills the air with melody

And makes the alders ring.

His voice seems to be coming from everywhere at once, for this active little creature is flying around in the liveliest manner, and no matter how busy he is he snatches a moment very often to sing a cheery song to his mate on the nest. Jennie looks very meek, setting upon her tiny eggs, but let a sparrow poke his head through the doorway and then how she does scold. Wrens have terrible tempers, and those who understand bird language hear very harsh and shocking words. The little round wings of the wrens are not suited for high flying, so these birds must keep near the ground. They feed upon numberless insects which are their only food. This diet helps to make them excitable. If farmers only realized how much wrens help them by destroying pests, they would encourage these little brown birds to make their nests in barn and orchard by putting up many small houses for their use.

From a bird lover,

Atglen, Pa., Feb. 12, 1918. Elsie B. Stoner.

WRITE FOR
OFFER

PAINT Save Big Money

Only one small profit between raw materials and you. No dealers, jobbers or agents. You get all these profits yourself. Only paint factory in the world selling direct to consumer. Cheaper even than mail-order houses because they do not manufacture.

Paint for Economy

Paint preserves as well as improves appearance. It is real economy to paint everything. Crosby Everwear Paint is best quality made. 15 years' test has proved this to thousands of satisfied users. Absolute guarantee on every can. No time limit. You must be satisfied.

Send NOW for color card and illustrated paint book. Tell all about paint and how to use it. Shows how you can do work yourself and save this way. All sent you free. Write today.

Crosby-Frank & Co.
320 Peoria St., Chicago, Ill.



Ground Almonds

Grow them in your garden. A delicious nut, with a flavor resembling the Cocoanut or the Almond. Meat snow white, shell very thin. Very prolific, a single nut yielding from 200 to 300 nuts in a hill and will do well in any kind of soil. Plant in the spring the same as potatoes and a big crop can be expected about potato harvest time. Grow some for the children. Everybody likes them. Send 12 cents in silver or stamps and we will send you a large pack of these nuts, so you can grow some

in your own garden. Address THE GENTLEWOMAN,
P.O. W. 43d St., Dept. 272, New York.

SILK

WONDERFUL SILK AND VELVET BARGAINS for quilts, fancy work, etc. Send 10 cents for big package of beautiful large Silk Remnants including free quilt designs and agents' catalog describing our 4-pound \$1 remnant bargain bundles. Union S. Works, 205 Factory St., Bonsville, N. Y.



The New Arrow Is Now Ready

Send the coupon. Get full details of the wonderful 1918 ARROW—the biggest bicycle ever built. All sizes for boys, men and women.

No Raise in Prices

We have decided not to advance our prices. You can still buy the new ARROW Bicycle at the old rock-bottom before-the-war price. The increasing cost of material may force us to raise prices at any time. Therefore sign coupon today and get full information on prices and models.

Ride While You Pay!

We ship the wonderful 1918 ARROW to you on liberal terms whereby you pay \$5.00 down and the balance in small monthly payments as low as \$5.00 per month. This offer is open to everyone including boys and girls under 21 years of age providing the order is signed by parents or guardian.

Pays for Itself! The coupon brings our liberal rider-agent proposition. The easiest ever! You can pay for your Arrow and get extra money besides. Just send the coupon for full particulars and new catalog.

Free Catalog!

Send the coupon for free 1918 ARROW catalog, giving full descriptions of all models. Learn the details of our rock-bottom, Pay-As-You-Ride Offer. Send the coupon now while this offer lasts.

Arrow Cycle Co. Dept. 3103
19th Street and California Avenue, Chicago

Please send me free catalog of the new 1918 ARROW and full particulars of your rock-bottom "Pay-As-You-Ride" Offer. No obligations.

Name.....

Address.....

FITS MY DAUGHTER CURED

by simple prescription. Had 100 attacks in a day. Doctors gave her up. Will send any sufferer FREE Bottle postpaid. S. LEPSON, 895 Island Avenue, Milwaukee, Wis.

THIS FORD FREE



Send Us No Money

JUST YOUR NAME

You don't need money to get an automobile. Let me give you one of my brand new, never used, latest model, five-passenger Ford Touring Cars. I have given away dozens of them. You might as well have one, too. If you have no auto and want one, send me your name right away, and say: "I want to get one of your Ford cars." A post-card will do.

RHOADS AUTO CLUB
375 Capital Bldg., Topeka, Kansas

GENUINE DIAMOND

4 RINGS YOUR BIRTHSTONE FREE



GENUINE DIAMOND, Signet with your Initial, Birthstone or Wedding Ring. Solid Gold Shell. Guaranteed 3 years. Order 12 packages Bingo Perfumed Ironing Wax. Sell at 10c each. Easy to sell. Big demand. Order today. Send no money. Get 4 beautiful Rings Free. Boys, Girls and Grown-ups.



SIGNET - YOUR INITIAL

BINGO COMPANY DEPT. 174

BINGHAMTON, N.Y.



FLOWER AND VEGETABLE SEEDS

Gladioli, Dahlias, Iris, Phlox, Peonies, Shrubs. Everbearing Strawberries. Free Catalog. M. J. CULLEN'S SEED GARDENS, DENVER, COLO.

ASTHMA

TREATMENT sent you on Free Trial. If it cures, send \$1.00; if not, it's FREE. Give express office. Write for your treatment today. W. K. Sterline, 881 Ohio Ave., Sidney, Ohio

A CHRISTMAS STORY.

Once a poor woman and her only child, Bessie, lived in a little cottage. Bessie was going to school, and it was nearly Christmas. The other children were talking of Santa Claus. Little Bessie, when she got home told her mother about Santa Claus and the toys that he was going to give, and asked if he was going to give her something. Her mother said "No, my child, we are too poor, Santa Claus does not bring poor people things". Little Bessie would do everything to please her mother. Then Bessie said "Will Santa Claus come tonight?" "Yes, my Darling, but he will not come here. Come Bessie and eat your bread and milk." When Bessie and her mother were through, it was nearly dark. They went to bed. In the morning Bessie went to see if Santa Claus had brought them anything, she found her stockings full of toys and candy. Her mother knew that their neighbors had done this. This made them happy, and they felt poor no longer.

Lamar, Ark.

Murle Warren.

10 Sample Pkts.
of Flower

SEEDS FREE



- 1 Pkt. Aster, McGregor's Mixed
- 1 Pkt. Fancy Pansies, Gorgeous
- 1 Pkt. Sun Cypress, Burn 'g Bush
- 1 Pkt. Peony Poppies, Double
- 1 Pkt. Snapdragon, Giant Fl'd
- 1 Pkt. Clover Pinks, Spicy Sweet
- 1 Pkt. Alyssum, Always Blooms
- 1 Pkt. Mignonette, Old Favorite
- 1 Pkt. Candytuft, All Colors
- 1 Pkt. Petunia, Free Flowering

Send 10¢ to packing, postage, etc., and we will mail these 10 pkts. selected seeds with full instructions, in a 20c premium envelope which gives you more than the seed FREE

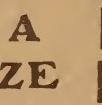
OUR GREAT SPECIAL CATALOGUE

SENT FREE—OVER 100 FLOWERS SHOWN IN COLORS
McGregor Bros. Co., Box 512, Springfield, Ohio

.450,000

TREES

200 varieties. Also Grapes, Small Fruits, etc. Best rooted stock. Genuine, cheap. 3 sample blackberries mailed for 10c. Catalog free. LEWIS ROESCH, Box C Fredonia, N.Y.



WIN A
PRIZE

9 23—1—14—20 1—14

1—21—20—15—13—15—2—9—12—5

EASTER OUTFIT FREE

The first figure of the above two lines is a word; the next four figures spell a word; the next two figures spell a word; the last ten spell another word. These four words form a sentence which will interest you. This most interesting puzzle can be solved with a little study, as follows: There are twenty-six letters in the alphabet and we have used figures in spelling the four words instead of letters. Letter A is number 1, B number 2, C number 3, etc., throughout the alphabet. IF YOU CAN SPELL OUT THESE FOUR WORDS WE WILL SEND YOU A SURPRISE OUTFIT CONTAINING A BEAUTIFUL ASSORTMENT OF EASTER SEALS, MOTTO STAMPS, TAGS, ETC., ALL EMBOSSED IN COLORS AND BEAUTIFUL EXAMPLES OF THE LATEST EASTER DESIGNS. If you will get us one six months' subscription to THE GENTLEWOMAN (not your own), for 10 cents, we will send you FREE as your Premium this beautiful collection of EASTER NOVELTIES. Try to make out the four words. Act quickly. Write the four words on a slip of paper, mail it immediately with one six months' subscription to THE GENTLEWOMAN together with 10 cents in stamps and you will promptly receive as your reward this SURPRISE PACKAGE, which is a Handsome Assortment of 40 Seals, Moto Stamps, Tags, etc., enough for all of your Easter letters. Answer at once Address,



M. E. Crofton, 615 W. 43d St., Dept. 270, New York

(IN THE BACK YARD—Continued)

THE CLUB GOURD.

If you want an ornamental vine, the fruit of which can be used in culinary work get the Club Gourd, known as *Lagenaria leucantha longissima*. The vine is of rapid growth, and will cover a fence or an old building with a handsome array of foliage, among which pretty white musky flowers appear, and in due time the long, slender gourds, green at first, but gradually changing to pearl white as the fruit lengthens and enlarges. It is a source of wonder to see these fruits, often six feet in length, hanging on the vine in autumn. The fruits when green, are cooked as cymblings, or stuffed and boiled, and seasoned with butter, salt and pepper.

Grit and Water.—Always provide a supply of clean sharp sand, charcoal and ground oyster shells for your chickens. Put these in separate dishes, and place them under a shelf in such a way that the hens can pick what they want without getting their feet into the dishes. Also, in a convenient place for the fowls provide a dish of water, so arranged that the fowls cannot get their feet in it. This dish should be cleansed and fresh water supplied every morning.

Concentrated Food.—Many fowls are lost every year on the farm by feeding too much corn, which is not a perfect ration for chickens. To overcome the trouble feed boiled oats or a bran mash, and give a mixed ration. Corn is too fattening, lacks elements needed for egg production, and promotes indigestion and death. Avoid it as a regular diet for hens.



Six Fine 1-Year ROSE BUSHES Given FREE

Plan Your Garden
Right Now

This matchless collection contains the choicest and most beautiful roses of the hardy, ever-blooming class. They will grow luxuriantly, bloom profusely the first year and continue to bloom year after year, bearing great loads of flowers of such wonderful exquisite coloring and so deliciously fragrant as to delight the hearts of all who cherish roses. The varieties are carefully chosen and comprise the largest and finest plants. They are all selected one-year-old well rooted plants, will take hold immediately, grow vigorously, thrive in all sections of the country, and flower profusely this season.

SIX SUPERB BUSHES

BRILLIANT RED, PINK, CREAM, ETC.

Dorothy Perkins—Climber. Bears double pink flowers in clusters.

Natalie Bottner—Pure white flower of wonderful size and beauty.

Wm. R. Smith—A magnificent rose for bouquets. Pink flowers.

Lady Hillington—A glorious tea-rose. Splendid blooms of deep yellow color. Deliciously fragrant.

Prince E. C. D'Arenberg—Brilliant scarlet flowers, very large and fragrant. Blooms profusely.

Dean Hole—Intense salmon pink.

Each collection is carefully wrapped in damp moss, accompanied by all necessary directions for planting and caring for roses, and sent direct from the Rose Garden, all charges prepaid, with safe delivery guaranteed.

OUR UNPARALLELED OFFER

We will send this entire collection of Six Rose Bushes free by parcel post at the proper time for planting in your locality for a one-year subscription to our big monthly story paper, the **HOUSEHOLD GUEST**, at 25 cents, with 10 cents extra to cover mailing expense, only 35 CENTS in all. The subscription may be your own, or a friend's. Order at once and make sure of this rare bargain.

HOUSEHOLD GUEST, 151 W. Ohio St., CHICAGO, ILL.

CORRESPONDENCE.

Play Piano In One Hour for Two Cents!

Would you give two pennies to learn to play the piano or organ in one evening? Impossible! No, not at all. Thousands of others who never played before played their first piece in just a few minutes. Then why can't you?

John H. Ferguson, Acme, Alta., Canada, says: "I was not a little amazed when I found I could play in a few minutes." V. R. Perkins, Romney, Ind., says: "I studied 'Easy Form' music fifteen minutes and then started to play." Thousands of similar reports are in our files. Doesn't this convince you that you can play by this wonderful new method?

LEARN The NEW WAY Lessons Free

This wonderful new EASY FORM Music is written without notes. Anyone can read and play it. You do not need to know anything about music to be able to play in one hour or less. No teacher. No correspondence lessons by mail.

Pay not one cent for five days' instruction free. simply send us two cent postal stating: "I do not read or play music and am interested in the new EASY FORM Way to play." Also be sure to tell us the number of white keys on your piano or organ.

If you find you can play AT ONCE and wish to keep the 100 beautiful selections—songs and instruments—pieces—you can pay for them at our Special Half price, only $6\frac{1}{2}$ c per copy, in monthly payments so small that you will never miss them. Otherwise, you can return them and owe us absolutely nothing for music or your instruction for five days. Send a postal today—now—before this remarkable offer is withdrawn. Easy Method Music Co., 294, Clarkson Bldg., Chicago.

ROSES OF NEW CASTLE is the name of our famous book on rose culture. Magnificently printed in actual colors. Gives expert advice to amateur rose growers. Describes our famous hardy roses—the best for home planting in America—and tells how to grow them. A wonderful book and the most instructive of its kind published. It's FREE. HELLER BROS. CO., Box 345, New Castle, Ind.

The Farmer's Home Garden.—Most farmers realize the value of the home garden more through their stomachs than through the real source of income which is, in large families and in farm homes where one or more hired men are boarded, quite an item. Because it is a real source of income it should not be neglected. The tilth and fertility of the soil is of utmost importance. Manure is the most common fertilizer and soil amendment used, but it is not a well-balanced fertilizer because it contains too little phosphoric acid which should be applied in the form of ground bone or acid phosphate. And further, manure makes the soil acid as it decays which should be corrected by the use of lime. Hydrated lime may be bought in paper bags and stored for use in spring after the garden is plowed.

Many use hen manure for the garden, and doubt often exists as to the proper method to prepare it. It is a good plan to crush it thoroughly and mix with an equal amount of fine dry earth. When this is done it may be spread easily and evenly, and applied around growing plants if desired. About two handfuls well worked into the soil around a tomato plant will make a good, liberal application.

If you wish to put it into the hill before setting the plants be sure to mix it thoroughly with the soil, otherwise there is danger of its causing injury to the roots of plants especially in the case of a dry season. John H. Voorhees, Agronomist, the Agricultural lime bureau, Washington, D. C.

10 WAR SONGS FOR 10c

Our Boys on the Fields of Battle are singing them. Our Sailors on the Sea Fighters and the Boys in Training Camps; everyone is wild over them. THE LATEST WAR HITS such as Over There; Where Do We Go From Here; I May Be Gone For a Long, Long Time; Answer Mr. Wilson's Call; Good-bye Broadway Hello France; It's a Long Way to Berlin; Somewhere in France; We're Going Over; Send Me Away With a Smile When the Boys Come Home; and 100 others. All for 10 cts. and 2 cts. postage. PIKE PUB. CO., Dept. 63 So. Norwalk, Conn.

WONDERFUL PHONOGRAPH OFFER

Here is our New Style E. D. L. Phonograph—the latest improvement—without the horn. It is a perfect beauty. Mahogany finish, tone arm black japanned, nickel winding crank, accurately constructed, smooth running spring motor, speed regulator, stop lever and $6\frac{1}{4}$ turn table. New improved sound box with mica diaphragm.

PLAYS ANY DISC RECORD

Both lateral and vertical cut, 6, 7 or 8 inches. This machine will give you more entertainment than anything you ever owned. Strong and durable. No parts to get out of order.

Send No Money Just your name and we will send you 24 of our Art Pictures to dispose of on special offer at 25c each. Send us the \$6 you collect and for your trouble we will send this new improved E. D. L. Phonograph and a selection of 6 records, free for your trouble. You can dispose of pictures and earn this great machine in a few hours' time.

E. D. LIFE, 337 W. Madison St.,

**FREE
TO
YOU**



Dept. 3T25,

Chicago

O YOU HOOVER!

My Tuesdays are meatless,
My Wednesdays are wheatless;
I am getting more eatless each day.
My home it is heatless,
My bed it is sheetless;
They're all sent to the Y. M. C. A.
The barrooms are treatless,
My coffee is sweetless;
Each day I get poorer and wiser.
My stockings are feetless,
My trousers are seatless;
My! How I do hate the Kaiser!

—Author not Known.

CORRESPONDENCE.

Dear Mr. Park:—I am a girl 13 years old and live in a small village. My parents have the Postoffice. I go to school every day and take music lessons. I have taken your Magazine for about two years, and wouldn't do without it. Post cards and letters exchanged. Miss Hattie Hughes.

Glengary, Mont., Oct. 22, 1917.

Dear Mr. Park:—I am a little boy ten years old. Papa has been a subscriber to your Magazine for a long time, and I like the Children's Corner. Here is what happened in our yard last summer: A pair of Robins built their nest in the big Oak by the kitchen window, and there were three baby birds in the nest almost large enough to fly. One morning my sister saw a Jay-bird flying to the nest, taking the little Robins in its bill and going off with them. The old Robins chased the Jay, and it dropped the little birds to the ground, almost killing them. Then we ran out and scared the Jay-bird away. The Robin cried and flew down and hovered about, but they chilled and died after awhile. Then the father Robin flew down with a big worm to feed them, but they were dead, so he ate the worm himself. The Robins flew around with a sad cry, while the Jay sat in a Cherry tree close by and jeered.

Hanson, Ky. Frank W. Ashby.

FREE TO YOU



Brand new, just out. This is positively the most beautiful Ring you have ever seen. Made of GENUINE STERLING SILVER—GUARANTEED. Suitable for either man, woman, girl or boy.

SEND NO MONEY I want to give one person in each locality one of these handsome patriotic Rings FREE for just a little easy work, which you can do in an hour or two. Be first to get one—write TODAY—quick—they are going fast—a post card will do—send correct size.

AMERICA FIRST RING CLUB,
Dept. 124, Topeka, Kan.



RAISE BELGIAN HARES For Us
HUGE PROFITS easily, pleasantly made. We furnish stock and pay you \$6.00 a pair and express charges for all you raise. Contract and book "Fortunes in Hares," 10c. Nothing free.

NATIONAL FOOD & FUR ASSOCIATION

MILWAUKEE, WISC.

Dept. 32,

NEW MONITOR SELF-HEATING IRON

AGENTS WANTED
SEND FOR FREE OUTFIT OFFER



\$30 to \$50 a week actually being made now by men and women. The original—the best—the lowest priced. Nickle plated—looks good—makes good—sells fast—guaranteed. No experience needed. Women do as well as men. Exclusive territory. Work all or spare time. Mrs. Nixon, Vt., sold 8 first half day. Evans, N. C., sold 2 doz. one Saturday. Liberal terms. Prompt Service. Write today.

MONITOR SAD IRON COMPANY

953, WAYNE ST., BIG PRAIRIE, O.

FREE



This Beautiful 6-Room Home Given Away Just to Advertise My Business

This is the most wonderful offer ever appearing in this magazine. It is so stupendous, you may find it hard to believe, but it's true, every word I say. I mean just what I say—there are no strings to my generosity—no "ifs" nor "ands." I want to advertise my business and I take this new and novel means of advertising my business.

Imagine now for a moment, that this beautiful Home was yours, located right in your own town, or on your own farm, a neat fence around it, flowers growing, rose bushes climbing the lattice at the porch ends, sending their fragrance into your nice, cool bedrooms. Don't it make you want this Home?

No Matter Where You Live

Anywhere in the U. S.

It does not matter to me where you may happen to live—you may be on a ranch, a farm, a ten-acre garden tract, in a village or a large city (just so you live in the United States), your chance is equally good of being presented with this elegant six-room modern home. Don't sit back—don't say, "It is not for me," or "No such luck could be mine." You are only fooling yourself when you let such thoughts enter your mind. Set yourself right down and send me your name and address today, before you lay this magazine aside. It's a duty you owe to yourself.

You Need Not Own a Lot

Perhaps you do not own a lot—don't allow this to prevent you sending in your name and address. I'll take care of everything. I'll arrange to get a lot for you in your own town, and you can have the house built on it. You will be proud of this home. I will be proud of it, for it will be a monument of advertising for my business. That is where I get my reward and that is why I make this most marvelous of offers.

Send Me No Money

Rush me your name and address quick and I will send you a set of floor plans and full particulars—all free. It's the chance of your lifetime. Send your name today.

P. M. YOUNG, Pres. Dept. 721

HOME BUILDERS' CLUB
BATAVIA — — — **ILLINOIS**

Our 1918 GLADIOLUS Offers

Order Promptly, All Stock Short



ALL HOLLAND BULBS are very short stock this year, and hard to get because of war conditions. Thus far only one ship from Amsterdam has brought bulbs. Others are said to be on the way, but they are not here yet, and now days ocean shipments are most uncertain. Last Spring most of the ships from Holland arrived too late.

Fortunately for our patrons our bulbs were on the first ship and are already actually unloaded in New York. We were able to get only about a third as many as usual, but we did secure the assortment of varieties and colors.

Prices are higher because cost is so much greater, but we have kept our offers right down to the lowest notch that will leave us a little margin towards advertising expenses.

No one who has ever grown the glorious Summer-flowering Gladiolus will let a Spring go by without setting out at least a few more bulbs than ever before. They are such wonderful bloomers, of such brilliant colors, stand so erect, and last so many weeks. There are so few flowers more effective for cutting for table and house.

The quality of these bulbs is good, and on account of the short supply we suggest ordering early.

All Are Named Varieties and We Send You Exactly What Your Order Calls For.

America—White; long spike, fine.

Baron J. Hulot—Blue; finest of all dark blues.

Brenchleyensis—Red; deep, dark and scarlet red. Finest red.

Childsii—Variegated. Large spikes of large flowers. All colors. Grand mixture.

Gelria—Rose and red; very beautiful.

Glory of Holland—White with very delicate violet stripe.

Groff's Hybrids—All colors mixed; tall; magnificient.

Halley—Flesh with creamy blotch on lower petals. One of the two best for America.

Hollandia—Salmon; long spikes. The only one of this color we offer.

Lily Lehman—White; purest snow white. Very fine.

Kunderdi Glory—Pink; creamy-pink striped with crimson.

Mrs. Francis King—Orange-red: has no white throat.

Pink Beauty—Very dark, rich pink, red blotched.

Pink Perfection—Apple-blossom; feathered. Very attractive.

Princess—Scarlet; crimson with white star.

Schubaben—Yellow; a pure, deep, rich yellow. Best yellow.

Willie Wigman—White; creamy white with carmine blotches.

OUR PRICE IS 5c EACH or 50c A DOZEN, POSTPAID

Please write carefully exactly which named varieties you wish us to send you

For those who wish larger quantities we make the following offers:

30 Named Varieties, postpaid,	:	:	\$ 1.00
75 Named Varieties, postpaid,	:	:	2.00
100 Named Varieties, postpaid,	:	:	2.50
500 Mixed Colors and Sorts, by express,			\$ 8.00
1000 All Sorts and Colors, by express,			15.00

Understand, we mix these 500 and 1000 lots from the named varieties, but do not wrap the varieties separately. We have only the one grade of bulbs right through, so that the mixed are not a smaller size than the named advertised. Receiver must pay express charges on the five hundred and thousand lots.

SPECIAL GLADIOLUS PRIMULINAS. Our own grown bulbs of the richly beautiful Hybrid Gladiolus Primulinus, a showy, graceful grower with flower spikes of good size, in all shades of yellow. 10 cents each or \$1.00 a dozen postpaid.

TUBEROUS ROOTED BEGONIAS—The LaPark Offers for 1918

We are rather short of stock, but so is everyone else. What we have is thoroughly good. Colors are:

SCARLET CRIMSON WHITE YELLOW ROSE SALMON

WE will mail one bulb for six cents, or a dozen for 50 cents, postpaid to any address. They are mixed and we cannot send any particular color separately, but they are well mixed so that by ordering a dozen you should have a good display.

Address all orders **LaPARK SEED and PLANT CO., LaPark, Pa.**

Fruit Trees and Shrubs

Everything needed to beautify your home and garden, direct from Nursery at one price, 10c. ONE MILLION FRUIT TREES AND SHRUBS to be sold under guarantee

of first-class stock, true to name, free from disease, or money refunded without question. We can give highest bank references. Illustrated catalogue listing our big variety, and nothing over 10c. FREE.

POMONA NURSERIES, 114 Granger Ave., Dansville, N.Y.

Ten Cents Each



Immense Profits Raising Belgian Hares For Us. We furnish stock and pay you \$2.00 each and expressage when three months old. Contracts, booklet and full information 10 cents.
THORSON RABBIT COMPANY Dept. 7. Aurora, Colorado.



SUPERFLUOUS HAIR

Let Ejecthair destroy yours forever. No Pain, No Harm, cannot fail. Cheapest and only Guaranteed treatment of its kind. Different to others which only remove the hair over night. Send 50c for a sample. Manageress, 997 Goff Ave., St. Paul, Minn.



HEL-MIT THE KAISER FREE

Wear this badge if you are against Germany and the Kaiser. Every patriotic American should have one. Made of handsome metal. Will wear for years. Pin back. Can be worn by men or women. Sent free with year's subscription to our monthly paper, *Everyday Life* which contains latest Washington news of the war, war stories, and items of general interest to all the family. 750,000 circulation. Subscription price 25c a year. Pin only, without paper, 10c. This offer to introduce **EVERYDAY LIFE**, Dept. B25, Chicago

To the Wife of One Who Drinks

I have an important confidential message for you. It will come in a plain envelope. How to conquer the liquor habit in 3 days and make home happy. Wonderful, safe, lasting, reliable, inexpensive method, guaranteed. Write to Edw. J. Woods, T 360, Station F, New York, N. Y. Show this to others.

LATEST POPULAR SONGS!

"BACK TO MY LOVE, THAT'S YOU," "OUR WAR MENU," 20 cents each Postpaid.
LLOYD E. HANSEN, MANDERSON, S. D.

"SAILOR BOY."

All the songs you hear to-day about this world-wide war,
Are songs about the soldier boy and what he's fighting for.
The writers have forgotten that he has a brother too,
Who fights upon the sea and he's a fighter through and through.
Ship Ahoy—Sailor Boy—this song is meant for you.

Chorus.

When your ship sails away, Sailor Boy—in the shadow of the night Sailor Boy.
You know not where you're going or what will be your fate;
We know you'll try it's do or die—you'll never hesitate.
After the war is over Sailor Boy, and your ship sails home again Sailor Boy.
We'll meet you at the pier—three times we'll loudly cheer.
Hurrah! Hurrah! Hurrah! For our sailors, of the U. S. A.

While you're sleeping in your hammock swinging to and fro,
Dreaming of the day to come when sailing home you'll go.
Back home you're not forgotten, your mother says with pride.
I have a little Yankee fighting on the other side.
Ship Ahoy—Sailor Boy—this song is meant for you.

Deafness



Perfect hearing is now being restored in every condition of deafness or defective hearing from causes such as Catarrhal Deafness, Relaxed or Sunken Drums, Thickened Drums, Roaring and Hissing Sounds, Perforated, Wholly or Partially Destroyed Drums, Discharge from Ears, etc.

Wilson Common-Sense Ear Drums

"Little Wireless Phones for the Ears" require no medicine but effectively replace what is lacking or defective in the natural ear drums. They are simple devices, which the wearer easily fits into the ears where they are invisible. Soft, safe and comfortable.

Write today for our 168 page FREE book on DEAFNESS, giving you full particulars and testimonials.

WILSON EAR DRUM CO., Incorporated
499, Inter-Southern Bldg. LOUISVILLE, KY.



No craving for tobacco in any form when you begin taking Tobacco Redeemer.

Don't try to quit the tobacco habit unaided. It's a losing fight against heavy odds and means a serious shock to the nervous system. Let the tobacco habit quit YOU. It will quit you, if you will just take Tobacco Redeemer, according to directions for two or three days. It is a most marvelously quick and thoroughly reliable remedy for the tobacco habit.

Not a Substitute

Tobacco Redeemer contains no habit-forming drugs of any kind. It is in no sense a substitute for tobacco. After finishing the treatment you have absolutely no desire to use tobacco again or to continue the use of the remedy. It makes not a particle of difference how long you have been using tobacco, how much you use or in what form you use it—whether you smoke cigars, cigarettes, pipe, chew plug or fine cut or use snuff. Tobacco Redeemer will positively banish every trace of desire in from 48 to 72 hours. This we absolutely guarantee in every case or money refunded.

Write today for our free booklet showing the deadly effect of tobacco upon the human system and positive proof that Tobacco Redeemer will quickly free you of the habit.

Newell Pharmacal Company,
Dept. 370 St. Louis, Mo.



HAIR-DYEING COMB

Produces any shade by simply combing, without staining the scalp; perfectly harmless, durable, undetectable. Saves time and money, and is the only practical way of coloring the hair. Write for particulars.

Dept. 14, W. BIENECK, 1821 Gleason Ave., New York.

EARN \$50 GOLD

How Many Words Can You Make

A C R O I T N W
H A N D E G A V
E Z O C A O E N
R M O P A Y D O
N D T O E A T I B
H E R A A S W A
A N G R I L A H
L O Y A P A N O

Now here is a puzzle that is a prize winner. You do not have to sit up and work over a dictionary all night. Just a little ingenuity and skill. The puzzle is to get as many words as possible out of the letters herewith given. Use only the letters given and only as many times as they appear. For instance, the letter R appears four times, so in all your words you must not use R more than four times. If you use R twice in one word and twice in another, you cannot use R in another word, as you have already used it as many times as it appears. You do not have to use up all the letters. The puzzle looks simple, but if you can make as many as twelve words, send in your list at once, as the person winning first prize may not have more than that many words.

THE OFFER

We are conducting a big prize contest and will give 100 votes in the contest for each word you make. To the person having the most votes at the end of the contest we will give \$25 in cash; to the second highest \$10; to the third highest \$7.50; to the fourth \$5 and to the fifth \$2.50. In addition we are going to give away hundreds of other valuable prizes too numerous to mention in this advertisement. Contest closes May 18, 1918. Any one may enter and if you only win the \$2.50 prize you are that much ahead. It is certainly worth a little effort, and besides you will receive, absolutely free, a copy of the best story paper published. If there should be a tie between two or more contestants for any of the prizes, each tying contestant will receive the prize tied for. Write today.

WHY WE DO IT

We publish the best story paper in America, and we want to send you a sample copy and full particulars of our big contest club. Every new member of our contest club this month receives a Genuine Diamond RING FREE. It does not cost you one cent to join and every member is sure of winning a prize. Show this offer to your friends.

WORD EDITOR, 921 Friend Building, Kansas City, Missouri.

FREE



WRIST WATCH AND RING

10 YEAR GUARANTEE

Stem Wind, Pendant Set,
Leather Strap. Order 25¢
of our easy selling Art and Religious Pictures at 10¢ each.
When sold send us the money and select your prize according to list.
Dept. 515 CHICAGO, ILL

FREE

GAIR MFG. CO.

HERE'S FROLIC AND FUN

20 Popular Songs, 60 Tricks in Magic.

50 Amusing Experiments, 60 Puzzles, 101 Conundrums, 60 Games, 100 Money Making Secrets, 100 Cooking Recipes, all about Phychometric Charming, Big Roll of Stamps Money (new kind) and our catalogue of tricks and entertaining goods, all postpaid; for 10 cents.

MIRROR PRINTING CO.

BEAUMONT, TEXAS



Get Rid of That FAT

Free Trial Treatment

Sent on Request. Ask for my "pay-when-reduced" offer. My treatment has reduced at the rate of a pound a day. No dieting, no exercise, absolutely safe and sure method. Let me send you proof at my expense.

DR. R. NEWMAN, Licensed Physician,

State New York, 286 Fifth Ave., New York, Desk J-919

When Were YOU Born?

A Birthstone Ring for Any Month

BIRTHSTONE RINGS in Solid Gold Shell, warranted to wear and give satisfaction for Five Years, HIGHLY POLISHED and BEAUTIFULLY SET with the proper stone to designate the MONTH in which you were born—sent postpaid as per our Offer below.

JANUARY

By those who in this month are born
No gems save GARNETS should be worn;
They will insure you constancy,
True friendship and fidelity.

APRIL

Those who in April date their years,
DIAMONDS should wear, lest bitter tears
For vain repentance flow. This stone,
Emblem of innocence is known.

FEBRUARY

The February born will find
Sincerity and peace of mind;
Freedom from passion and from care,
If they the AMETHYST will wear.

MAY

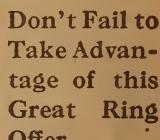
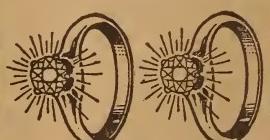
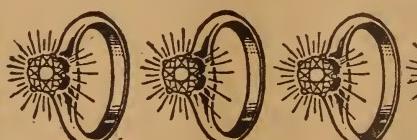
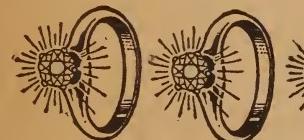
Who first beholds the light of day
In Spring's sweet flowery month of May,
And wears an EMERALD all her life,
Shall be a loved and happy wife.

MARCH

Who in this world of ours their eyes
In March first open shall be wise;
In days of peril firm and brave,
And wear a BLOODSTONE to their grave.

JUNE

Who comes with Summer to this earth
And owes to June her day of birth,
With ring of PEARL upon her hand,
Can health, wealth and peace command.



JULY

The glowing RUBY should adorn
Those who in warm July are born;
Thus will they be exempt and free
From loves, doubts and anxiety.

OCTOBER

October's child is born for woe
And life's vicissitudes must know;
But lay an OPAL on her breast,
And hope will lull the woes to rest.

AUGUST

Wear a SARDONYX or for thee
No conjugal felicity.
The August born without this stone,
'Tis said must live unloved alone.

NOVEMBER

Who first comes to this world below
With dull November's fog and snow
Should prize the TOPAZ' amber hue,
Emblem of friends and lovers true.

SEPTEMBER

A maiden born when Autumn's leaves
Are rustling in September's breeze,
A SAPPHIRE on her brow should bind,
'Twill cure diseases of the mind.

DECEMBER

If cold December gave you birth,
The month of snow and ice and mirth,
Place on your hand a TURQUOISE blue,
Success will bless you if you do.

HOW TO GET RING SIZE

13	12	11	10	9	8	7	6	5	4	3	2	1
----	----	----	----	---	---	---	---	---	---	---	---	---

Ring Sizes

Take soft piece of thin wire or firm piece of paper and wind it tightly around the finger at the middle joint. Then measure by above scale and send us the number. Example—Place one end at O on the above scale. If the other end of wire or paper comes to 7 on the scale, No. 7 is your ring size for that finger. Remember to measure around the middle joint of the finger.

cation. The ring is absolutely Free. Be sure to state the size of ring and the month in which you were born.

THE GENTLEWOMAN, 615 West 43rd St., Dept. 271 New York

SOLDIERS

With Willie's wooden soldiers,
He made a grand display;
But his mother, kind, rebuked him,
For it was the Sabbath day.

But Willie, naughty general,
Replied without dismay—
'Tis the Lord's army, mamma,
And will not run away.

St. Louis, Mo.

Albert A. Vassar.

Is the Kaiser Really the Devil?

When will the war end and who will win? What is the true meaning of the Brotherhood Man? These articles and many others forecasting the future based on Astrological predictions and Bible Prophecies will appear in THE WORLD'S MIRROR, the great exchange, story, mail order, real estate, investment and general information weekly. Each issue contains 60 to 100 columns of articles, opportunities, farms for sale, cash buyers and mail order bargains. Special 2 months subscription 25¢; one year \$2.00. Only publication of its kind in the world. Largest classified section. Rates 3¢ per word for four issues. NO FREE COPIES. Address The World's Mirror, Beaumont, Texas.

These Beautiful Rings are set in an up-to-date setting with a different stone for every month. You will notice the birthstone for January is Garnet, for February, Amethyst, for March, Bloodstone, etc. We know these rings will please you and give satisfaction.

We will send you one Free, postpaid, if you send us an 18 months' subscription to THE GENTLEWOMAN for only 30¢, which is the regular 18 months' subscription price to our great publication.

Former U. S. Senator Mason

Pioneer in Pure Food and Drug Legislation, Father of Rural Free Delivery System

Says, NUXATED IRON

Increased His Power and Endurance so Much, That He Feels It Ought to Be Made Known to Every Nervous, Run-down, Anaemic Man, Woman, and Child.

Opinions of Dr. Ferdinand King, New York Physician and Medical Author; Dr. James Francis Sullivan, formerly Physician of Bellevue Hospital (Outdoor Dept.), New York, and others.

WHAT SENATOR MASON SAYS.

"I have often said I would never recommend medicine of any kind. I believe that the doctor's place. However, after the hardest political campaign of my life, without a chance for a vacation, I had been starting to court every morning with that horrible, tired feeling one cannot describe. I was advised to try Nuxated Iron. As a pioneer in the pure food and drug legislation, I was at first loath to try an advertised remedy, but, after advising with one of my medical friends, I gave it a test. The results have been so beneficial in my own case I made up my mind to let my friends know about it, and you are at liberty to publish this statement if you so desire. I am now sixty-five years of age, and I feel that a remedy which will build up the strength and increase the power of endurance of a man of my age should be made known to every nervous, run-down, anaemic man, woman and child."

Senator Mason's statement in regard to Nuxated Iron was shown to several physicians who were requested to give their opinions thereon.

Dr Ferdinand King, a New York Physician and Medical Author, said: "I heartily indorse Senator Mason's statement in regard to Nuxated Iron. There can be no vigorous iron men without iron. Pallor means anaemia. Anaemia means iron deficiency. The skin of anaemia men and women is pale, the flesh flabby; the muscles lack tone; the brain fags, and the memory fails, and often they become weak, nervous, despondent and melancholy."

Dr. James Francis Sullivan, formerly physician of Bellevue Hospital (Outdoor Dept.), New York, and the Westchester County Hospital, said, "Senator Mason is to be commended on handing out this statement on Nuxated Iron for public print. There are thousands of men and women who need a strength and blood builder but do not know what to take. In my own opinion there is nothing better than organic iron—Nuxated Iron—for enriching the blood and helping to increase the strength and endurance of men and women who burn up too rapidly their nervous energy in the strenuous strain of the great business competition of the day."

Former Health Commissioner Kerr of the City of Chicago, says: "From my own experience with Nuxated Iron I feel it is such a valuable remedy that it ought to be used in every hospital and prescribed by every physician in this country."

Dr. E. Sauer, a Boston Physician who has studied abroad in great European medical institutions, said: "Senator Mason is right. As I have said a hundred times over, I regard organic iron as the greatest of all strength builders. Iron is absolutely necessary to enable your blood to change food into living tissue. Without it, no matter how much or what you eat, your food merely passes through you without doing you any good. You don't get the strength out of it, and as a consequence you become weak, pale

and sickly looking, just like a plant trying to grow in a soil deficient in iron. If you are not strong or well you owe it to yourself to make the following test: See how long you can work or how far you can walk without becoming tired. Next, take two five-grain tablets of ordinary nuxated iron three times per day after meals for two weeks. Then test your strength again and see how much you have gained. I have seen dozens of nervous, run-down people who were ailing all the while increase their strength and endurance in from ten to fourteen days' time while taking iron in the proper form. And this after they had in some cases been going on for months without getting benefit from anything. Many an athlete and prize fighter has won the day simply because he knew the secret of great strength and endurance which comes from having plenty of iron in the blood; while many another has gone down in inglorious defeat simply for the lack of iron."

NOTE—Nuxated Iron which was used by Senator Mason with such surprising results and which is prescribed and recommended above by physicians is not a secret remedy, but one which is well known to druggists everywhere. Unlike the older inorganic iron products, it is easily assimilated, does not injure the teeth, make them black, nor upset the stomach. The manufacturers guarantee successful and highly satisfactory results to every purchaser or they will refund your money. It is dispensed by all good druggists.



Former U. S. Senator Wm. E. Mason, recently elected member of the U. S. Congress from Illinois

Senator Mason's championship of Pure Food and Drugs legislation, his fight for the rural free delivery system, and his strong advocacy of all bills favoring labor and the rights of the masses as against trusts and combines made him a national figure at Washington and endeared him to the hearts of the workingman and the great masses of people throughout the United States. Senator Mason has the distinction of being one of the really big men of the nation. His strong endorsement of Nuxated Iron must convince any intelligent, thinking reader that it must be a preparation of very great merit and one which the Senator feels is bound to be of great value to the masses of people everywhere, otherwise he could not afford to lend his name to it, especially after his strong advocacy of pure food and drugs legislation.

Since Nuxated Iron has obtained such an enormous sale—over three million people using it annually—other iron preparations are often recommended as a substitute for it. The reader should remember that there is a vast difference between ordinary metallic iron and the organic iron contained in Nuxated Iron, therefore always insist on having Nuxated Iron.

the blood; while many another has gone down in inglorious defeat simply for the lack of iron."

GOITRE

Removed at Home Without Operation or Danger

This simple, safe home treatment removes Goitre without inconvenience or danger. Hundreds of difficult cases that refused to yield to any other treatment have reported immediate results. "My goitre is cured and am feeling fine. I improved before taking medicine a week," says Mrs. C. W. Hahn, of North Jackson, Ohio. Mrs. W. A. Pease, of Creston, B. C., Can., writes: "A friend in Alberta got your treatment and was cured. I concluded to try it, and after using one treatment my goitre entirely disappeared." Quickly stops choking and other disagreeable symptoms. Does not interfere with regular duties. No danger. Convince yourself without pay or obligation.

Send Coupon today for \$2.50 Test Treatment.

No danger. Convince yourself without pay or obligation.

Send Coupon today for \$2.50 Test Treatment.

\$2.50 FREE COUPON

This coupon is good for \$2.50 Test Treatment mailed free in plain package if accompanied by 10c in STAMPS or SILVER to cover postage. Address DR. W. T. BOBO, Battle Creek, Mich.

Age? How old is Goitre? yrs.

Nervous? Hands Tremble?

Do eyes bulge? Does heart beat too

rapidly? Health?

Name _____

Address _____

808

Rheumatic Ring Free

To introduce, if you send a 3-cent stamp for postage, I mail this wonderful Electric Ring FREE. Sends out mysterious radio-electric current said to reach entire system. Used by thousands for NEURITIS and RHEUMATIC PAINS in all parts of body. For size, send slip of paper cut to just meet around the third finger.

H. D. LINCOLN, 113, Dean St., Attleboro, Mass.

DEAFNESS IS MISERY

I know because I was Deaf and had Head Noises for over 30 years. My invisible Anti-septic Ear Drums restored my hearing and stopped Head Noises, and will do it for you. They are Tiny Megaphones. Cannot be seen when worn. Easy to put in, easy to take out. Are "Unseen Comforts." Inexpensive. Write for Booklet and my sworn statement of how I recovered my hearing. A. O. LEONARD, Suite 324, 70 5th Ave.; N. Y. City

TOBACCO HABIT Conquer it happily in 3 days, improve your health, prolong life, avoid stomach trouble, nervousness, foul breath, heart disease. Regain manly vigor, calm nerves, clear eyes and superior mental strength. Whether you chew; or smoke pipe, cigarettes, cigars. Get interesting Tobacco Book. Worth its weight in gold. Mailed free. E. J. WOODS, S 360, Station F, New York, N. Y.

Dept. 8

GLOBE DRUG COMPANY

Milwaukee, Wisconsin

& TUMORS CURED, NO KNIFE OR PAIN. All work guaranteed.

Free Book. MINNEAPOLIS, MINN.

Dr. Williams Sanatorium

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CANCER

TO THE RUPTURED

Trial Plapao and illustrated book on rupture. Learn

how to close the hernial opening as nature intended, so

the rupture can't come down. No charge for it, now or

ever; nothing to be returned. Write today—NOW. Address, Plapao Co. Block 697 St. Louis, Mo.

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Dept. 8

MY ROSES MISSION.

In my garden now is growing,
A charming dark red Rose,
How it grows is yet a secret
That no human can disclose.

From bud until full-blown
I've watched the lovely flower
Unfold its sacred petals
By some mysterious power.

Year after year more Roses
Come forth so full and free.
To decorate my garden
And brighten life for me.

Northampton, Mass.

Jno. W. Park.

CORRESPONDENCE.

From Arizona.—Two years ago in April we moved from the hill country to the valley, 38 miles from our former location. The spring before there were acres of wild flowers of various kinds. The hillsides were fairly covered with their masses of varicolored bloom, mostly blue and white, until the Poppies (Eschscholtzias) bloomed, when the predominating color was yellow and orange. That was an unusually good spring for flowers. There has not been many in either one of the springs since. But the spring of 1918 promises to be a great flower season again. We are in hopes that the late and recent rains will furnish a goodly supply of vegetation, which the ranges in this section stand so sadly in need of. We are now, Feb. 1st., having our first taste of winter, there has not been enough freezes here to kill the yard flowers, Violets, Petunias, and such have bloomed right along up to the present time, February 5th. Mrs. C. Bly.

Mohave Co., Ariz.

Cured His RUPTURE

I was badly ruptured while lifting a trunk several years ago. Doctors said my only hope of cure was an operation. Trusses did me no good. Finally I got hold of something that quickly and completely cured me. Years have passed and the rupture has never returned, although I am doing hard work as a carpenter. There was no operation, no lost time, no trouble. I have nothing to sell, but will give full information about how you may find a complete cure without operation, if you write to me, Eugene M. Pullen, Carpenter, 1013 D Marcellus Avenue, Manasquan, N.J. Better cut out this notice and show it to any others who are ruptured—you may save a life or at least stop the misery of rupture and the worry and danger of an operation.

Rheumatism

A Home Cure Given by One Who Had It.

In the spring of 1893 I was attacked by Muscular and Inflammatory Rheumatism. I suffered as only those who have it know, for over three years. I tried remedy after remedy, and doctor after doctor, but such relief as I received was only temporary. Finally, I found a remedy that cured me completely, and it has never returned. I have given it to a number who were terribly afflicted and even bedridden with Rheumatism, and it effected a cure in every case.

I want every sufferer from any form of rheumatic trouble to try this marvelous healing power. Don't send a cent; simply mail your name and address and I will send it free to try. After you have used it and it has proven itself to be that long-looked-for means of curing your Rheumatism, you may send the price of it, one dollar, but understand, I do not want your money unless you are perfectly satisfied to send it. Isn't that fair? Why suffer any longer when positive relief is thus offered you free? Don't delay. Write today.

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Your address on a postal will bring the Outfit free by return mail in plain wrapper. If you want more we will send it with the understanding that it must reduce you or it will cost you nothing. But first write for and use the free Outfit and decide later for yourself. We are particularly anxious to reach those who have tried other methods and failed. Just send your address by letter or postal and receive the FREE Package by return mail, postpaid. Don't hesitate for we send thousands of these FREE Trial Packages all over the world.

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DR. J. E. CANNADAY, 1119 Court Blk., Sedalia, Mo.

References: Third National Bank, Sedalia, Mo.
Send this notice to some eczema sufferer.

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are promptly relieved with inexpensive home treatment. It reduces the pain and swelling.—overcomes tiredness. For particulars write
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CHILDREN'S CORNER.

Dear Mr. Park:—I am a girl of 16 years, and I enjoy your Magazine, as I have a flower garden and cultivate many varieties. We live on a farm, and I am fond of riding horse-back and caring for the stock. We have a Maxwell car and when the weather is good I drive that. We have a large Sabbath School, and I attend regularly. Letters exchanged.

Willie L. Gibbs.
Walls, Miss., Jan. 30, 1918.

Dear Mr. Park:—My mother has taken your Magazine for many years, and finds great pleasure in reading it. We have Roses and many other flowers. I am 12 years old, and am in the 5th grade. I like to read the Children's letters, and will correspond with other girls of my age.

Center, Ky., Feb. 15, 1918. Elizabeth Thompson.

Dear Mr. Park:—I am a farmer boy and like country life fine. I live on a farm of 335 acres, 206 acres are in pasture, and 120 acres in cultivation. I am 13 years of age and weigh about 87 pounds. Mamma subscribed for your Magazine a long time ago, and is still taking it. I am fond of birds, and the Wrens are my favorite. I build a house for them every summer. Papa has 33 head of cattle, 3 mules, 2 horses, 5 pigs, and 110 chickens. He also has an auto, but I don't run it.

Perrin, Tex., Jan. 28, 1918. Elate Mask.

Dear Mr. Park:—I am a farm girl 10 years old, and go to Lenox Centralized School. I am in the 5th grade. I have always lived on a farm, and never wish to live in the city. It is so nice and quiet, and I have all the room I want for flowers. Nearly every spring I go to my aunts and stay for a week, then we go to the meadows and woods to pick wild flowers. My mother has taken your Magazine for quite awhile. Alice Roberts.

Ashtabula Co., O., Feb. 11, 1918.

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White, Rose, Scarlet, Crimson, Yellow, Salmon

Very hard to get this year and we have only about 5000 bulbs, but they are choice

and as long as they last we will send six fine tubers, mixed colors, and Park's Floral Magazine a year, for just 25 cents. We pay the postage.

Get up a Club of three and we will send the Magazine a year to each, and will also mail to each the collection of six Begonias, and to you we will send the six Begonias free and postpaid for your trouble.

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CORRESPONDENCE.

From Texas.—We have been taking the Floral Magazine for a long time, and could hardly do without it. We have had a cold, bad winter in Texas. The ground is covered with ice and sleet now. We have wrens here and they sing nearly all the time in summer. I put up a new house for them every year, and the more houses we put up the more birds we have. I like flowers and music, the violin is my favorite instrument. Mayford Mask.

Perrin, Texas, Jan. 28, 1918.

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Treated at home. No pain, knife, plaster or oils. Send for Free treatise. A. J. MILLER, M. D., St. Louis, Mo.

CANCER

THE LANTANA.

THE LANTANA, an old favorite, may be grown either from seeds sown as soon as ripe, or from cuttings of the half-ripened wood inserted in sandy soil in a warm place under glass during summer. Cuttings three or four inches long are the best. Although I have always gotten rooted plants, I think I shall try soon a packet of seeds of the new dwarf varieties.

One peculiarity of Lantana culture is that often two plants will start from one seed, there being more than one geru within the hard outer covering. And in the case of twin seedlings both will be found equally sturdy. In fact, the little plants are usually quite thrifty from the date of their first appearance above ground, and will grow and come quickly into bloom if given a modicum of care, being half hardy, and in mild, southern climes, entirely so.

I have always preferred them for out-door culture, in beds, pots or boxes, although they adapt themselves readily to window gardens, if

given plenty of sun and a warm temperature—two requirements absolutely essential to their well-being. However, they more readily appeal to some of us as out-door plants, their bright, sunny colors of yellow, orange, red and pink, usually two zones contrasted in

one flower, challenging comparison oftentimes with their more stately neighbors.

The new dwarf varieties should be given a trial by lovers of this accommodating, clean plant. These are hybrids, and as with nearly all hybrids or cross-breeds in whatsoever family of plants, they do not grow stably at the expense of the flowers. The leaves of this plant when crushed, emit a pleasant, pungent odor.

The Lantana is really a half-hardy shrub, ever-blooming, and in its native habitat, South America, grows much larger than with us. In California the bushes attain immense size, producing a riot of color. I have always admired the tiny plants with their button clusters in bloom on the market.

A favorite with most people is the weeping variety known as *Delicatissima*, with clusters of Lavender flowers. Some of the best of the new seedlings are nameless.

Baltimore, Md.

Will Thompson.

[Note.—The bony covering of the seed-germs of Hybrid Lantanas is such that if the seeds are not strictly fresh, germination is greatly retarded. The plants like hot sunshine and are almost ever-blooming. In Florida, where the frosts are not severe, the plants bloom abundantly in winter.—Ed.]

Coleus.—I raised from seeds the finest Coleus plants I have ever seen. I made cuttings and started many fine plants which I sold.

Gracemont, Okla.

Mrs. Franklin.

MORNING GLORIES.

IONCE heard a woman say, "Morning Glories are Morning Glories." Maybe they were to her, but if so she was all wrong. I have seen the old pink and blue ones, later the larger improved ones of many colors, and still later the Japanese Morning Glories.

They were all pretty in their time, and are to-day. But when you have seen, or still better, raised the Double White Fairy Morning Glory, the more common kinds are going to look small, and not so

worthwhile. Last spring I received a package of the White Fairy seeds and gave them the same care I always have given 'Glories. They came up fine and strong. I think they may not have grown quite as fast at first as other, but later they grew twice, yes, more than twice as fast as other kinds. I only provided for them to go to the second story window, but they would have gone to the top of it, if they had had the support. And such large-leaved, luxuriate vines I never saw in any climber. The blossoms! I can talk fluently on flowers, I love them so well, but I am afraid words will fail me now. To say that the vines were covered with large, fringy white flowers both double and semi-double is not doing them justice, but it is my best. No one who saw them knew what they were, and could hardly believe when I told them. They are grand.

Meredith, N. H. Mrs. Elsinore G. Atkinson.

Pothos Aurea is a little known vine with large, thick, heart-shaped, evergreen, leathery leaves striped cream and green. It is a splendid trailer for the hanging basket, being something of an aroid. Planted in sandy loam in the window garden it can be trained over the window. The leaves should be sponged occasionally in the house. To propagate, lay a vine on mellow soil, pressing in of each leaf. Keep moist, and soon a root will spring out at the base of each leaf where it joins the stem. Cut the stem between the leaves, and you will have as many plants as leaves. In the conservatory, when trained to the supports, the leaves of *Pothos aurea* become as large as elephant ears, but in the house about the size of the palm of the hand.

New Albany, Ind.

G. A. Pleis.

Note.—Climbing upon a Sabel Palmetto used as a shade tree in the city of Tampa, Florida, the Editor once saw a beautiful vine of *Pothos aurea*. The waxy texture and charming variegation of the foliage made it very effective.—Ed.

For Sour Soil.—The small "worms" so often complained of are found in sour soil, and to sweeten it and thus destroy the pest and promote the healthy growth of the plant, mix fresh wood ashes with the potting soil, or apply the ashes to the surface and stir it in. This is a sure remedy for sour soil and small "worms".

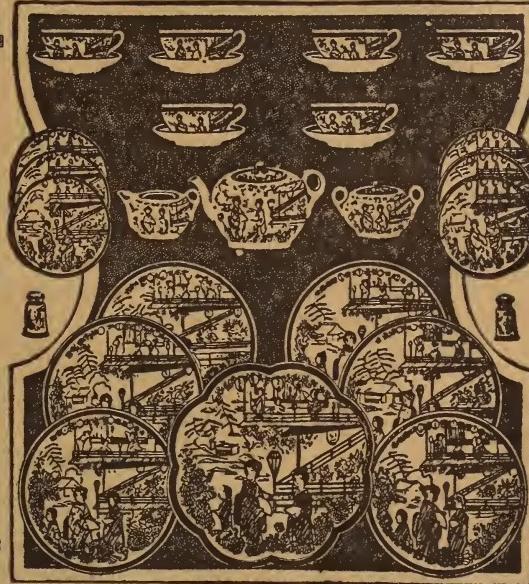
Mrs. Geo. Wetzel.

Santa Rosa, Cal., Jan. 15, 1918.

Illustrations by W. H. Johnson.

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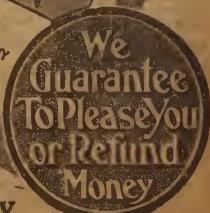
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